



U.S. Department of Transportation

National Highway Traffic Safety Administration

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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U.S. Department of Transportation National Highway Traffic Safety Administration

CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

PSU <u>//3</u>

CASE NO. 149A

TYPE OF ACCIDENT

Truck/Con/obtive

A. DESCRIPTION OF THE ACCIDENT SEQUEN

ND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any partial art event of the accident that is noteworthy. Injury mechanism and vehicle crashworthiness is the focus, not do art culpability. Do not include any personal identifiers.)

Webich #1 was North bound on a 21 and Dry bituming 55 MPH Rural Rood and Contacted a longe pickup with its Front in the Trucks Right side which was East board on a 21 and Dry bituminous Roral Road - Vehicle #4 was west bound on a 21 one bituminous Road Stopped and was hit with stone which the truck was Corring.

	B. VEHICLE PROFILE(S)									
	Class	838		re Damage icle Inspection	Component Failure					
Vehicle No.	of Year/Make/Model		Damage Plane	Severity Description						
	Van	1992/Dodge/corona	Front	Severe	Non					
2	pickup	1995/Ford/F-350	Right	Seven	Non					

3 Congrect 1993/Murary Topaz From Moderate Nove;

C. PERSON PROFILE(S)									
/ehicle	Person	Seat	Restraint (TO BE COMPLETED BY ZONE CENTER						
No.	Role	Position	Use	Body Region	Injury Type	AIS	Injury Source		
111	not a	C Front N Front N Front L Front L Front	L555	libbos			•		
/	Dessure	R Front	· in w						
	ocss us	~ C Rso~	Non	1					
2	Drim	1 6 Frank	- 195	5					
3	Drow	6 Front	4.53						

PSU13 1995 Case Summary Form CASE 149A TYPE OF ACCIDENT: VAN/TRUCK/CAR/OBTUSE

A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

VEHICLE#1 WAS NORTH BOUND ON A 2LANE DRYBITUMINOUS 55MPH RURAL ROAD AND CONTACTED A LARGE PICKUP WITH ITS FRONT IN THE TRUCKS RIGHT SIDE WHICH WAS EAST BOUND ON A 2LANE DRY BITUMINOUS RURAL ROAD - VEHICLE #3 WAS WEST BOUND ON A 2 LANE BITUMINOUS ROAD STOPPED AND WAS HIT WITH STONE WHICH THE TRUCK WAS CARRING O1

PSU13

1995 Case Summary Form

CASE 149A

TYPE OF ACCIDENT: VAN/TRUCK/CAR/OBTUSE

B. VEHICLE PROFILE(S)

v h. No	Class of Vehicle	Year/Make/ Model	Damage Plane	Severity Descr.	Component Failure	····
1 2 3 01	VAN PICKUP COMPACT	1992/DODGE/CARAVAN 1995/FORD/F350 1993/MERCURY/TOPAZ	FRONT RIGHT FRONT	SEVERE SEVERE MODERATE	NONE NONE NONE	

PSU13

1995 Case Summary Form

CASE 149A

TYPE OF ACCIDENT: VAN/TRUCK/CAR/OBTUSE

C. PERSON PROFILE(S)

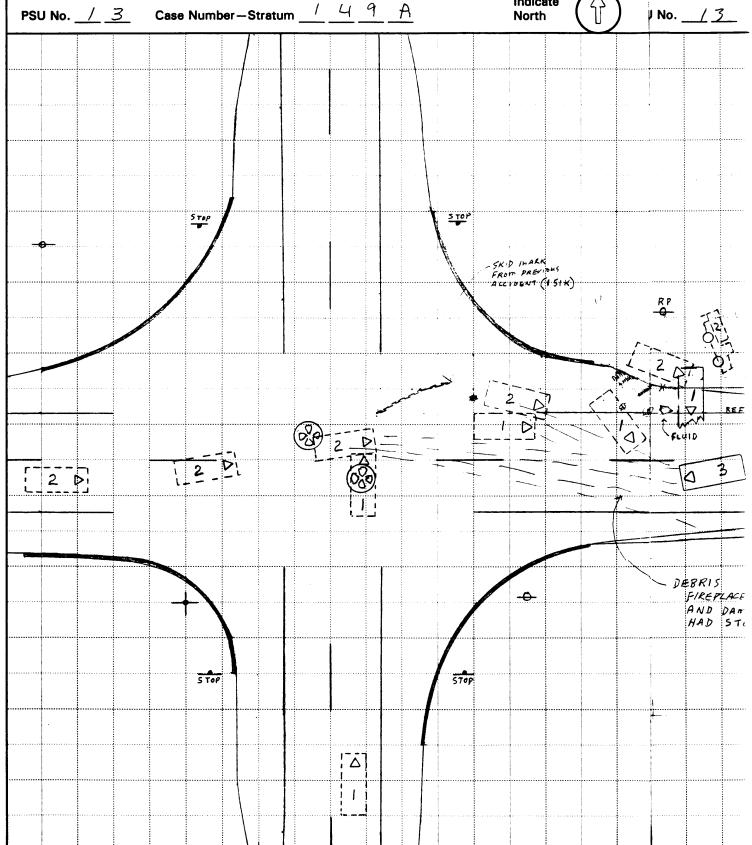
V e h. No	Person Role	Seat Positon	Restraint Use	t Body Region	Injury Type	A I S	Injury Source
1 2 3	DRIVER PASSENGER PASSENGER DRIVER DRIVER	LFRONT RFRONT CREAR LFRONT LFRONT	L&S-AIRBA NONE NONE L&S L&S	AG skull abdonen have free nowping	feacture transaction edima locarations	4 5 4 1	efluor other service steering rim sest back flying glass

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U.S. Department of Transportation

ACCIDENT COLLISION DIAGRAM

National Highway Traffic Safety Administration NATIONAL ACCIDENT SAMPLING SYSTEM Highway Traffic Safet CRASHWORTHINESS DATA SYSTEM ration Indicate Case Number - Stratum ___ 4 9 PSU No. _/ _3_ J No. ___/ 3__ North



HS Form 431B (1/95)

Scale: 1 centimeter = 2.5 meters 4318 (1/95)

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ACCIDENT COLLISION DIAGRAM

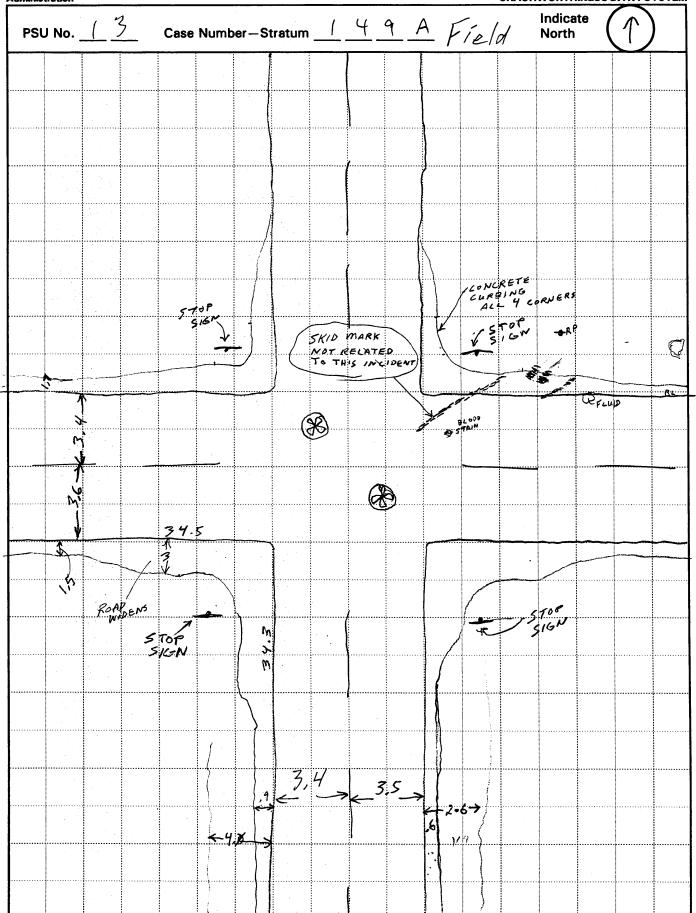
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ACCIDENT COLLISION DIAGRAM

National Highway Traffic Safety Administration

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM





U.S. Department of Transportation National Highway Traffic Safety Administration

ACCIDENT COLLISION MEASUREMENT TABLE

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number $\frac{1}{2}$ Case Number—Stratum $\frac{1}{2}$ $\frac{9}{4}$									
ACCIDENT COLLISION DIAGRAM									
Document the physical plant:	Document vehicle	dynamics including:		CRASH DATA					
 all road/roadway delineation (e.g., curbs/edge lines, lane markings, median markings, pavement markings, parked vehicles, poles, signs, etc.) all traffic controls (e.g., speed limit) north arrow placed on diagram roadway surface type and condition of applicable roadways grade measurements for all applicable roadways and at location of rollover initiation roadway curvature 	* reference point and reference line relative to physical features present at the scene * scaled documentation of all accident induced physical evidence * scaled documentation of all roadside objects contacted * scaled representations of the vehicle(s) at pre-impact, impact, and final rest based upon either: a) physical evidence, or b) reconstructed accident dynamics			Heading Angle GP 276 Surface Type Brown Function Coefficient of Friction Grade (v/h) Measurement (between impact and final rest) Grade (v/h) Measurement (at location of rollover initiation)					
Reference Point: UTility Pola Reference line: North Foggline									
Item		Distance and Direct from Reference Po		Distance and Direction from Reference Line					
RP		A		7,2 N					
ERR U-1		1.0 E		2.5N					
ELR V-1		2,6 E		2,5 N					
ELR V-2 T.	P point	3.0 E		4.7 N					
LR Side	' /	5,3E		5.0N					
EFT		7.5 E		8.91					
Box Corne		7.7E		6,0N					
Box corm		9.3E		6.1 N					
Gouge	12,1E		5.8N						
FFRP V-				2.5N					
BFRP V-		18,1E		6.5N					
Fluid V-1		1,0E		.2N					
Rew Trock	1,1 W		1,7N						

ltem	Distance and Direction from Reference Point	Distance and Direction from Reference Line
Puol Tirus skids V-2	3,2 W	2.4 N
Point V-1 Fluid Spill Fluid Spill V-1	3, 2 m	.4 N
Fluid Spill V-1	7.3 w	ð
LF U-2	7.3 W	1,95
RF U-Z	7,3 w	1.05
5Kull & Brui	13,5 W	1.2N
point Fluidspill U-1	13.5 w	3,45
point Fluidspill U-1 point RF U-2 point RF U-2	13.5W	3,15
point RF U-2	13.5 W	2,15
BLF U-2	22.2 W	6.65
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National Highway Traffic Safety Administration

ACCIDENT FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

13

2. Case Number - Stratum

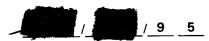
1494

IDENTIFICATION

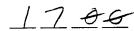
3. Number of General Vehicle Forms Submitted

03

4. Date of Accident (Month, Day, Year)



5. Time of Accident



Code reported military time of accident.

NOTE: Midnight = 2400 Unknown = 9999

SPECIAL STUDIES - INDICATORS

Check () each special study (SS15-SS18 below) that has been completed; code 1 for the checked special studies and 0 for the special studies not checked.

6. ___ SS15 Administrative Use

-0

7. ___ SS16 Pedestrian Crash Data Study

(Data for this special study available in a separate file.)

3. SS17 Impact Fires

9. SS18 Unsafe Driver Actions

10. ___ SS19 ___

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident

04

Code the number of events which occurred in this accident.

ACCIDENT EVENTS

For each event that occurred in the accident, code the lowest numbered vehicle in the left columns and the other involved vehicle or object in the right columns.

	•					
Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage
12. 0 1	13.	14. 20	15. <u>F</u>	16.02	17. 45	18.
19. 2	20-63	21. <u>Q 2</u>	22. <u>F</u>	23. <u>79</u>	24.00	25:
26. <u>0</u> 3	27. 02	28. 45	29	30. 3 /	31.00	32. 1
33. <u>a</u> 4	34. <u>O</u> <u></u>	35. <u>20</u>	36. <u>L</u>	37. <u>()</u> <u>2</u>	38. <u>45</u>	39. <u>R</u>
40. <u>0</u> <u>5</u>	41	42	43	44	45	46

IF GREATER THAN FIVE EVENTS, CONTINUE CODING ON THE ACCIDENT EVENT SUPPLEMENT

	CODES FO	R CL	ASS OF VE	HI	CLE	
(00) Not a motor ve	hicle		(31)	ه ا	irge pickup truck (≤ 4,50	00 kas GVWR)
11	ni (wheelbase < 254 cm)				ther pickup truck (≤ 4,50	
	elbase ≥ 254 but < 265 cm)				nknown pickup truck type	
	•				ther light truck (≤ 4,500	
, ,	base ≥ 278 but < 291 cm)				nknown light truck type (-
• • • •	pase ≥ 291 cm)				nknown light vehicle type	•
(09) Unknown pass						ased)(> 4,500 kgs GVWF
(14) Compact utility	•				ther bus (> 4,500 kgs G	
• •	hicle (≤ 4,500 kgs GVWR)		(59)		nknown bus type	, , , , , , , , , , , , , , , , , , , ,
	vagon (≤ 4,500 kgs GVWR)				ruck (> 4,500 kgs GVWF	R)
(19) Unknown utility	_				ractor without trailer	•
	500 kgs GVWR)				ractor-trailer(s)	
(21) Large van (≤ 4			(78)	U	nknown medium/heavy tr	ruck type
•	ool bus (≤ 4,500 kgs GVWR)		(79)	U	nknown light/medium/hea	avy truck type
* -	(≤ 4,500 kgs GVWR)		(80)	М	lotored cycle	
(29) Unknown van	type (≤ 4,500 kgs GVWR)		(90)	0	ther vehicle	
	p truck (≤ 4,500 kgs GVWR)		(99)	U	nknown	
	CODES FOR GENER	AL A	AREA OF	D	AMAGE (GAD)	
CDS APPLICABLE	(0) Not a motor vehicle	(R)	Right sid	le		(T) Top
AND OTHER	(N) Noncollision		Left side	;		(U) Undercarriage
VEHICLES	(F) Front	(B)	Back			(9) Unknown
TDC	(0) Not a motor vehicle	(L)	Left side	—— }		(C) Rear of cab
APPLICABLE	(N) Noncollision				it with cargo area	(V) Front of cargo are
VEHICLES	(F) Front				iler or straight truck)	(T) Top
	(R) Right side	(D)	Back (rea	ar	of tractor)	(U) Undercarriage
	•					(9) Unknown
	CODES FOR VEHICLE N	UME	BER OR C	OB	JECT CONTACTED	
(01-30) — Vehicle	Number		(57	7)	Fence	
			-	-	Wall	
Noncollision			•	-	Building	
	- rollover (excludes end-over-end)		•		Ditch or culvert	
(32) Rollover —			•	•	Ground	
(33) Fire or exp	iosion				Fire hydrant Curb	
(34) Jackknife	unit damage (specify):				Bridge	
(33) Other initia	unit damage (specify).			-	Other fixed object (specif	fy):
(36) Noncollisio			.00	٥.		
(38) Other nonc	collision (specify):		(6)	9}	Unknown fixed object	
(39) Noncollisio	n — details unknown				with Nonfixed Object	
			(70	O)	Passenger car, light truck	k, van, or other vehicle
Collision With Fixed	•			٠.	not in-transport	
	0 cm in diameter)				Medium/heavy truck or b	ous not in-transport
The state of the s	0 cm in diameter)		=	-	Pedestrian	
(43) Shrubbery (44) Embankme					Cyclist or cycle Other nonmotorist or cor	nvevance
1 ' '	pole or post (any diameter)		(/-	Ψ,	Other Horamotonist or cor	iive y airice
(40) Dicakawa,	pole of poor (any diameter)		(7	5)	Vehicle occupant	
Nonbreakaway Pol	e or Post				Animal	
-	st (≤ 10 cm in diameter)			-	Train	
The state of the s	st (> 10 cm but ≤ 30 cm in diame	eter)			Trailer, disconnected in t	· ·
,	st (> 30 cm in diameter)				Object fell from vehicle i	
(53) Pole or pos	st (diameter unknown)		(8)	8)	Other nonfixed object (sp	gecify):
(54) Concrete t	raffic barrier		(89	91	Unknown nonfixed objec	
(55) Impact att			,0,	-,	30,00	
(56) Other traff	ic barrier (includes guardrail)		(98	8)	Other event (specify):	
(specify):_			(9:	9)	Unknown event or object	<u> </u>

Page 2

PRECRASH ENVIRONMENTAL DATA	
	25. Roadway Surface Condition
19. Relation To Interchange Or Junction	(1) Dry
(0) Non-interchange area and non-junction	(2) vvet
(1) Interchange area related	(3) Snow or slush (4) Ice
	(5) Sand, dirt, or oil
Non-Interchange junctions	(8) Other (specify):
(2) Intersection related	(9) Unknown
(3) Driveway, alley access related	(o) Chikhowh
(4) Other junction (specify)	1
(5) Unknown type of junction	26. Light Conditions
(3) Olikilowii type of Juliction	(1) Daylight
(9) Unknown	(2) Dark (3) Dark, but lighted
(c, c,)	(4) Dawn
	(5) Dusk
20. Trafficway Flow	(9) Unknown
(0) Not physically divided (two way traffic)	
(1) Divided trafficway-median strip without	
positive barrier	27. Atmospheric Conditions
(2) Divided trafficway-median strip with positive	(O) No adverse atmospheric-related driving
barrier	conditions
(3) One way traffic (9) Unknown	(1) Rain
(3) Olikilowii	(2) Sleet/hail
	(3) Snow
21. Number Of Travel Lanes	(4) Fog (5) Rain and fog
(1) One	(6) Sleet and fog
(2) Two	(7) Other (e.g., smog, smoke, blowing sand or
(3) Three (4) Four	dust, etc.) (specify):
(5) Five	, (5,550,7)
(6) Six	(9) Unknown
(7) Seven or more	2
(9) Unknown	28. Traffic Control Device
	(0) No traffic control(s)
22. Roadway Alignment	(1) Traffic control signal (not RR crossing)
(1) Straight	Pogulatory
(2) Curve right	Regulatory (2) Stop sign
(3) Curve left	(3) Yield sign
(9) Unknown	(4) School zone sign
	(5) Other regulatory sign (specify):
23. Roadway Profile	
(1) Level	(6) Warning sign (not RR crossing)
(2) Uphill grade (>2%)	(7) Unknown sign
(3) Hill crest	(8) Miscellaneous/other controls including RR
(4) Downhill grade (>2%)	controls (specify):
(5) Sag	(9) Unknown
(9) Unknown	(9) OTIKIOWIT
24. Roadway Surface Type	29. Traffic Control Device Functioning
(1) Concrete	(O) No traffic control device
(2) Bituminous (asphalt)	(1) Traffic control device not functioning
(3) Brick or block	(specify):
(4) Slag, gravel, or stone	(2) Traffic control device functioning properly
(5) Dirt	(9) Unknown
(8) Other (specify):	
(9) Unknown	

OCCUPANT RELATED

37. Driver Presence in Vehicle (0) Driver not present (1) Driver present (9) Unknown

		13-149A
Sys	tem: Ge	eneral Vehicle Form \(\sqrt{\lambda} \) Page 5
44.	Vehicle	Cargo Weight O, O O O
	(000) (450) (999)	10 kilograms. Less than 5 kilograms 4,500 kilograms or more Unknownlbs X .4536 =,kgs
	Source	
		ROLLOVER DATA
45.	Rollove (00) No	r o rollover (no overturning)
(0	Rollove 11-16) (17)	r (primarily about the longitudinal axis) Code the number of quarter turns Rollover, 17 or more quarter turns (specify):
	(98) (99)	Rolloverend-over-end (i.e., primarily about the lateral axis) Rollover (overturn), details unknown
46.	(00) No (01) Tr (02) Fli (03) Tu (04) Cli (05) Fa (06) Bo (07) Co	p-over irn-over imb-over
		olloverend-over-end nknown rollover initiation type
47.	(0) No (1) Or (2) Or (3) Or (4) Or (8) Ro	n of Rollover Initiation o rollover n roadway n shoulder—paved n shoulder—unpaved n roadside or divided trafficway median olloverend-over-end
48.		r Initiation Object Contacted
49.	Tripping (0) No (1) W (2) Sig (3) Er (4) Ur (5) Ot	n on Vehicle Where Initial Principal g Force Is Applied o rollover heels/tires de plane nd plane ndercarriage ther location on vehicle (specify):
	(8) Ro	olloverend-over-end

38. Number of Occupants This Vehicle (IO-996) Code actual number of occupants for this vehicle (IP) 79 7 or more (IP) Number of Occupant Forms Submitted 39. Number of Occupant Forms Submitted 40. Is this an AOPS Vehicle? (II) No fincludes unknown) (II) No fincludes unknown) (II) Vin determined alr bag system (II) Vin determined alr bag and automatic (passive) belts (IV) IN determined automatic (passive) belts (IV) IN determined alr bag and automatic (passive) belts (IV) IN determined alr bag and automatic (passive) belts (IV) IN determined alr bag and automatic (passive) belts (IV) IN determined alr bag and automatic (passive) belts (IV) IN determined alr bag and automatic (passive) belts (IV) IN determined alr bag deployed (IV) Driver air bag deployed (IV) Driver air bag deployed (IV) Driver air bag unknown if deployed (IV) Driver air bag unknown if deployed (IV) Driver and passenger side deployed (IV) Driver and passenger s	20	Number of Occupants This Vahiola	i		A ROS
for this vehicle (S7) 97 or more (99) Unknown 39. Number of Occupant Forms Submitted 40. Is this an ADPS Vehicle? (I) No (includes unknown) (I) Yes - researcher determined (I) ViN determined automatic (passive) belts (I) ViN determined automatic (passive) belts (I) ViN determined automatic (passive) belts (I) No air bags deployed (I) Driver air bag, unknown if deployed (I) Driver air bag, unknown if deployed (I) Driver air bag, unknown if deployed (I) Driver and passenger side deployed (I) Driver and passenger side unknown if deployed (I) Deployed and the proposed in the passenger side unknown if deployed (I) Deployed indeverently just prior to accident (I) Deployed accident (Is a a result of 1 Deployed details unknown (I) Deployed accident (Is a a result of 1 Deployed details unknown (I) Deployed accident (Is a result of 1 Deployed accident (Is a result of 1 Deployed (I) Deployed (I	30.			Source:	
49. Number of Occupant Forms Submitted 39. Number of Occupant Forms Submitted 40. Is this an AOPS Vehicle? (i) No (includes unknown) (ii) Yes - researcher determined (iii) Villo determined automatic (passive) belts (iii) Villo determined automatic (passive) belts (iii) No air bagd selpto belts (iv) Not equipped or not available (iv) Not equipped or not available (iv) Not equipped or not available (iv) Not requipped or not available (iv) Not requiped or not available (iv) Prover are bag, unknown if deployed (iv) Prover (iv) Rollover (not overturning) Rollover (primarilly about the longitudinal axis) (iv) No (includes unknown (iv) Rollover (iv) Rol		for this vehicle			ROLLOVER DATA
All BAG RELATED 40. Is this an AOPS Vehicle? (0) No (includes unknown) (1) Yes - researcher determined (2) Vilk determined air bag system (3) VIN determined air bag system (3) VIN determined air bag system (3) VIN determined air bag system (4) Vin determined air bag and automatic (passive) belts (4) Vin determined air bag and automatic (passive) belts (1) No 1 equipped or not available (1) No 1 equipped or not available (1) No 1 equipped or not available (2) Driver air bag deployed (3) Driver air bag unknown if deployed (3) Driver air bag unknown if deployed (4) Driver and passenger side only deployed (5) Passenger side only deployed (6) Driver and passenger side unknown (9) Unknown (9) Unknown (9) Unknown (9) Unknown (10) Not equipped with an "other" air bag (11) Deployed drinad excident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, spoisolon, electrical) (5) Mondeployed (7) Mondeployed (8) Unknown (9) Unknown (9) Unknown (10) Nor equippe with an "other" air bag (11) Deployed as a result of a noncollision event during accident (as a result of impact) (12) Deployed by the proved (13) Driver and passenger side eployed (14) Driver and passenger side unknown (4) Deployed drinadvertently just prior to accident (5) On shoulder—paved (14) Driver and passenger side unknown (5) Unknown (5) Unknown (6) Unknown (7) Nor equipped with an "other" air bag (1) Deployed drinadvertently just prior to accident (as a result of impact) (1) Deployed drinadvertently just prior to accident (as a result of impact) (1) Nor equipped with an "other" air bag (1) Deployed drinadvertently just prior to accident (as a result of impact) (1) Nordeployed (1) Driver and passenger side eployed (1) Nordeployed (2) Driver and passenger side eployed (3) Driver and passenger side eployed (4) Driver and passenger side eployed (5) Passenger side only deployed (6) Nordiover (7) Collision with another vehicle			45	Rollover	Q
40. Is this an AOPS Vehicle? (i) No (includes unknown) (ii) Yes - researcher determined (iii) Vice - researcher determined (iiii) Vice - researcher determined (iiii) Vice determined air bag system (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	39.	Number of Occupant Forms Submitted <u>Ø</u> <u>3</u>	43.	(00) No r	-
40. Is this an AOPS Vehicle? (D) No (includes unknown) (1) Yes - researcher determined (2) VIN determined air bag system (3) VIN determined air bag system (3) VIN determined air bag and automatic (passive) belts (4) VIN determined air bag and automatic (passive) belts (5) No researche (passive) belts (6) No respand the properties of the specific (passive) belts (7) No require of rotal available (passive) belts (8) Air Bag(s) Deployment, First Seat Frontal (passive) belts (9) No rollover (continue) (passive) belts (10) No rice and passive) belts (11) No air bags deployed (22) Diver air bag deployed (33) Driver air bag deployed (44) Driver side only deployed (56) Passenger side only deployed (67) Passenger side only deployed (68) Air Bag(s) Deployment, Other Than First Seat Frontal (69) Unknown (70) No required passenger side deployed (81) Linguistic (passive) belts (82) Priver air bag sender (passive) belts (99) Unknown (10) No rollover (11) Trip-over (10) Trip-over		AIR BAG RELATED	(0		
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(7) Nondeployed (9) Unknown Specify type of "other" air bag present: (2) Side plane (3) End plane (4) Undercarriage (5) Other location on vehicle (specify): (6) Non-contact rollover forces (specify): (8) Rolloverend-over-end (9) Unknown 43. Vehicle Curb Weight Code weight to nearest 10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown 50. Direction of Initial Roll (0) No rollover (1) Roll right - primarily about the longitudinal axis (2) Roll left - primarily about the longitudinal axis (3) End plane (4) Undercarriage (5) Other location on vehicle (specify): (8) Rolloverend-over-end (9) Unknown 50. Direction of Initial Roll (1) Roll right - primarily about the longitudinal axis (2) Roll left - primarily about the longitudinal axis (3) End plane (4) Undercarriage (5) Other location on vehicle (specify):		(5) Unknown if deployed	1		
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VEHICLE WEIGHT ITEMS (8) Rolloverend-over-end (9) Unknown 50. Direction of Initial Roll (0) No rollover (1) Roll right - primarily about the longitudinal axis (1) Rolloverend-over-end (2) Rolloverend-over-end (3) Rolloverend-over-end (4) Rolloverend-over-end (5) Rolloverend-over-end (6) Rolloverend-over-end (7) Roll right - primarily about the longitudinal axis (8) Rolloverend-over-end (9) Unknown		Specify type of "other" air bag present:		(5) Oth	er location on vehicle (specify):
43. Vehicle Curb Weight Code weight to nearest 10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown (999) Unknown (9) Unknown 50. Direction of Initial Roll (0) No rollover (1) Roll right - primarily about the longitudinal axis (2) Roll left - primarily about the longitudinal axis (8) Rolloverend-over-end (9) Unknown				(6) Non	-contact rollover forces (specify):
43. Vehicle Curb Weight Code weight to nearest 10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown (999) Unknown (9) Unknown 50. Direction of Initial Roll (0) No rollover (1) Roll right - primarily about the longitudinal axis (2) Roll left - primarily about the longitudinal axis (8) Rolloverend-over-end (9) Unknown		VELIOLE WEIGHT ITTE		(8) Roll	overend-over-end
Vehicle Curb Weight Code weight to nearest 10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown lbs X .4536 = Logical Tight - primarily about the longitudinal axis (8) Roll left - primarily about the longitudinal axis (9) No rollover (1) Roll right - primarily about the longitudinal axis (8) Rolloverend-over-end (9) Unknown roll direction		VEHICLE WEIGHT ITEMS			
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10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown (8) Rolloverend-over-end (9) Unknown roll direction	43			(0) No i	ollover
(610) 6,100 kilograms or more (999) Unknown (8) Rolloverend-over-end (9) Unknown roll direction		10 kilograms.	ļ		
(9) Wyknown (9) Rollover-end-over-end (9) Unknown roll direction		(610) 6 100 kilograms or more		(2) Roll	left - primarily about the longitudinal
		(989) Unknown / CU1			
Source:					
	ĺ	Source:	?		
	L		T. Marie		

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover (01-30) — Vehicle Number	(57) Fence (58) Wall
	(59) Building
Noncollision	(60) Ditch or culvert
(31) Turn-over — fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	• • •
(42) Tree (> 10 cm in diameter)	(69) Unknown fixed object
(43) Shrubbery or bush	•
(44) Embankment	Collision with Nonfixed Object
	(70) Passenger car, light truck, van, or other
(45) Breakaway pole or post (any diameter)	vehicle not in-transport
	(71) Medium/heavy truck or bus not in-transpor
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post (> 10 cm but ≤ 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter) (53) Pole or post (diameter unknown)	(88) Other nonfixed object (specify):
(00) Total of pool (diameter dimeter)	(89) Unknown nonfixed object
(54) Concrete traffic barrier	(OO) OIMIOTTI HOMACA ODJAGO
(55) Impact attenuator	(98) Other event (specify):
(56) Other traffic barrier (includes guardrail)	(ob) Strict toposity;
(specify):	(99) Unknown event or object
·	



J.S. Department of Transportation National Highway Traffic Safety Administration	EXTERIOR VE	HICLE FORM NAT	TIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM
1. Primary Sampling Unit Number	$\frac{1}{2} \frac{3}{3}$	3. Vehicle Number	<u> </u>
2. Case Number - Stratum	199A		
	VEHICLE IDE	NTIFICATION	
VIN <u>I B H G H 4</u> Vehicle Make (specify): Dodo		Vehicle Model (specify):	Model Year 92 CARAVAN 5E
	LOCA	ATOR	
Locate the end of the damage with or an undamaged axle for side impa	respect to the vehicle	longitudinal center line or b	umper corner for end impacts
Specific Impact No. Location of Direct		Location of Field L	Location of Max Crush
1 begins (Front	Sow	B) Front Con

CRUSH PROFILE IN CENTIMETERS

NOTES: Identify the plane at which the C-measurements are taken (e.g., at bumper, above bumper, at sill, above sill, etc.) and label adjustments (e.g., free space).

Measure C1 to C6 from driver to passenger side in front or rear impacts and rear to front in side impacts.

Free space value is defined as the distance between the baseline and the original body contour taken at the individual C locations. This may include the following: bumper lead, bumper taper, side protrusion, side taper, etc. Record the value for each C-measurement and maximum crush.

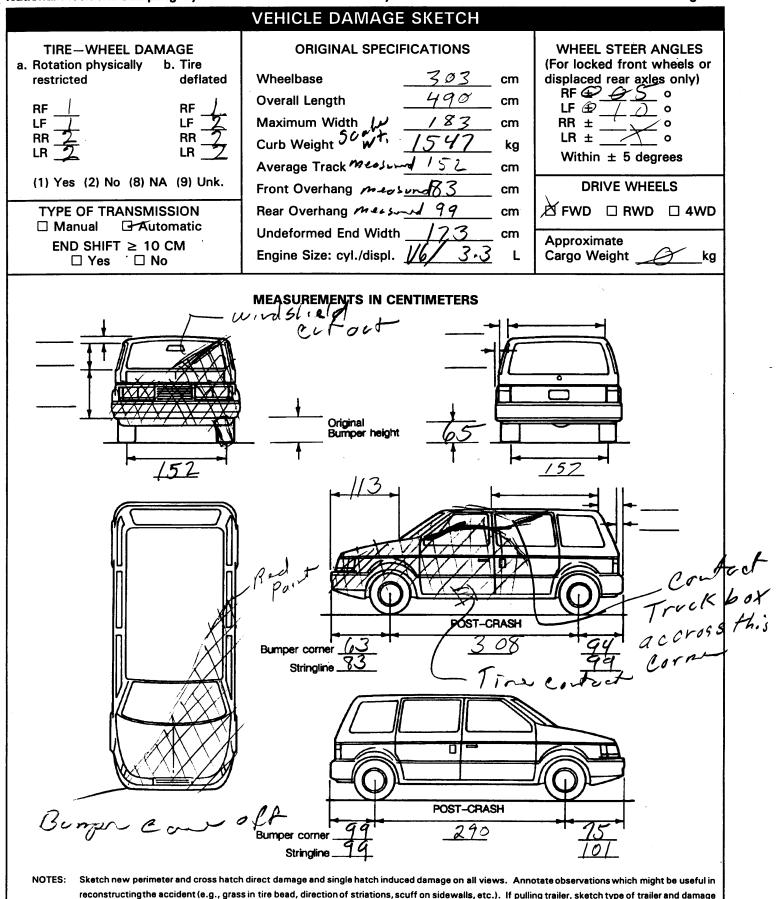
Use as many lines/columns as necessary to describe each damage profile.

Specific		Direct D	amage	F							
Impact Number	Plane of Impact C-Measurements	Width (CDC)	Max Crush	Field	C ₁	C ₂	C ₃	C₄	C₅	C ₆	±D
	Bumpa	142	53	142	49	39	24	37	53	53	0
	TURPA				8	3	1	/	3	8	
	0				41	36	25	36	50	45	
					,,						
				mezs	remen	s ques	tionable	due to	compl	ete be	mper
. *				separa		nd n		•	nt ad	icstme	ts
				for	Hist	sep212	tion		`	<u> </u>	
									<u> </u>		
										<u> </u>	
	-										
							- 1				
	·						<u></u>				

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	19.3 inches	x 2.54 =	<u>303cm</u>
Overall Length	192.7 inches	x 2.54 =	490cm
Maximum Width	$\underline{}$ $\underline{72.9}$ inches	x 2.54 =	_ <u>/ _8 _3 cm</u>
Curb Weight		x .4536 =	<u>/,547</u> kg
Average Track	inches	x 2.54 =	cm
Front Overhang	inches	x 2.54 =	cm
Rear Overhang	inches	x 2.54 =	cm
Undeformed End Width	inches	x 2.54 =	<u>/ 7 3 cm</u>
Engine Size: cyl./displ.	сс	x .001 =	L
	CID	x .0164 =	L





Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

received on the back of this page.

CDC WORKSHEET

CODES FOR OBJECT CONTACTED

	Vehicle Nun	nber			Fence Wall			
Noncoll	ision			(59)	Building			
		llover (excludes e	end-over-en	d) (60)	Ditch or	culvert		
	Rollover-end-			(61)	Ground			
	Fire or explosion			(62)	Fire hydr	ant		
	Jackknife				Curb			
(35)	Other intraunit	damage (specify	<i>ι</i>):) Bridge			
						ed object (s	specify):	
	Noncollision in Other noncollis			(69) Unknow	n fixed obje	ct	
(20)	Noncollinian	details unknow	<u> </u>	Colliei	on with No	onfixed Obje	ct	
(39)	Noncomsion —	details diskilowi	''				truck, van,	or other
0-11:-!	- Mish Fissed Ob	nio at		(70		ot in-transp		
	n With Fixed Ob			171				in-transport
	Tree (≤ 10 cm						or bus not	iii ti diisport
	Tree (> 10 cm) Pedestria			
	Shrubbery or b	bush) Cyclist o			
(44)	Embankment			(74) Other no	nmotorist o	r conveyand	e
(45)	Breakaway pol	le or post (any di	iameter)) Vehicle	occupant	· · · · · · · · · · · · · · · · ·	
) Animal			
Nonbre	akaway Pole or	Post) Train			i
(50)	Pole or post (≤ 10 cm in diam	eter)				d in transpor	
		> 10 cm but ≤ 3		(79) Object for	ell from vehi	icle in-trans	port
	diameter)			(88)) Other no	onfixed obje	ct (specify):	
		> 30 cm in diam liameter unknow		(89) Ilnknow	n nonfixed (object	
, ,	•		11,	•			-	
	Concrete traffi			(98) Other ev	ent (specify	/):	
(55)	Impact attantis	ator						
		ator arrier (includes g	uardrail)	(99) Unknow	n event or c	bject	
			uardrail)	(99) Unknow	n event or c	bject	
	Other traffic b	arrier (includes g		(99	Y EVENT N	UMBER	object	
(56)	Other traffic b (specify):	arrier (includes g			Y EVENT N	UMBER (5)		
(56)	Other traffic b (specify):	DEFORMAT	ION CLASS	IFICATION BY	Y EVENT N (4) Specific	UMBER (5) Specific	(6)	(7)
Accident	Other traffic b (specify):	DEFORMAT (1) (2) Direction	ION CLASS	IFICATION B	Y EVENT N (4) Specific Longitudinal	UMBER (5) Specific Vertical or	(6) Type of	(7) Deformation
Accident Event Sequence	Other traffic b (specify):	DEFORMAT (1) (2) Direction of Force	ION CLASS	IFICATION BY	Y EVENT N (4) Specific	UMBER (5) Specific	(6)	
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify):	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation
Accident Event Sequenc Number	Other traffic b (specify): Display to the contacted contacted	DEFORMAT (1) (2) Direction of Force (degrees)	ION CLASS Incremental Value of Shift	IFICATION B' (3) Deformation Location	Y EVENT N (4) Specific Longitudinal or Lateral	UMBER (5) Specific Vertical or Lateral Location	(6) Type of Damage	Deformation

	(COLLISION	DEFORMA	TION CLAS	SIFICATIO	V		
HIGHEST [DELTA "V"							
Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent	
4. <u>O</u>	5. <u>+2</u>	6. /8	7. <u>F</u>	8	9. <u>A</u>	10. <u>W</u>	11. <u>09</u>	
Second Hi	ghest Delta "V	27						
12.02	13.02	14. 9 9	159_	16. 9	17. 9	18. 9	19. 9 9	
		CRUS	H PROFILE	IN CENTIM	ETERS			
	The crush pro in the appr	file for the dan opriate space	nage described below. (ALL N	in the CDC(s)	above should	be documente ITIMETERS.)	ed	
HIGHEST	DELTA "V"							
20. L	21. C ₁				C ₅	C ₆	22. 	
173	<u>049</u>	<u>039</u>	024	037 6	753 B	-53	+ <u>000</u>	
Second Hi	ghest Delta "V	<u>/</u> "I						
23. 	24. 			C ₄	C ₅	C ₆	25. 	
						· 	+ 	
(Coded impact (250) (998)	26. Undeformed End Width (Coded when highest severity impact is an end plane impact.) Code to the nearest centimeter (250) 250 centimeters or more (998) No highest severity end plane impact 28. Original Wheelbase Code to the nearest centimeter (650) 650 centimeters or more (999) Unknown inches X 2.54 = centimeters							
27. Direct (For hi	(999) Unknown 27. Direct Damage Width (For highest severity impact) Code to the nearest centimeter (250) 250 centimeters or more (999) Unknown 29. Original Average Track Width centimeter (185) 185 centimeters or more (999) Unknown ——————————————————————————————————							

National Accident Samplir	g System-Crashworthiness	Data System: I	Exterior Vehicle Form
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					FUEL SYSTEM
30.	Are CDCs Documented but Not Coded on The	0			ation of Fuel Tank-1 Filler Cap
	Automated File? (0) No (1) Yes		36.	Loca (0) (1) (2)	No fuel tank-2 Filler Cap No fuel tank On back plane Aft of center of the rear wheels (rear axle)
31.	Researcher's Assessment of Vehicle Disposition (0) Not towed due to vehicle damage (1) Towed due to vehicle damage (9) Unknown			(3)(4)(5)	on left side plane Aft of center of the rear wheels (rear axle) on right side plane Forward of center of the rear wheels (rear axle) on left side plane Forward of center of the rear wheels (rear axle) on right side plane Over the center of the rear wheels (rear
32.	Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? (0) No post manufacturer modifications (1) Yes - post manufacturer modifications (specify):	D		(6) (7) (8) (9)	axle) on left side plane Over the center of the rear wheels (rear axle) on right side plane Other (specify): Unknown
	(Include photograph of CERTIFICATION PLACARD in case report) (9) Unknown if vehicle is modified		38.	Typ (0) (1) (2) (9)	e of Fuel Tank-1 e of Fuel Tank-2 No fuel tank (electrical vehicle) Metallic Non-metallic Unknown
	FIRE OCCURRENCE				ation of Fuel Tank-1
	Fire Occurrence (0) No fire Yes, fire occurred (1) Minor (2) Major (9) Unknown	B	40.	Loc (0) (1) (2) (3) (4) (5)	Action of Fuel Tank-2 No fuel tank Aft of center of the rear wheels (rear axle) centered Aft of center of the rear wheels (rear axle) left side Aft of center of the rear wheels (rear axle) right side Forward of center of the rear wheels (rear axle) centered Forward of center of the rear wheels (rear axle) centered
34.	Origin of Fire (0) No fire (1) Vehicle exterior (front, side, back, top) (2) Exhaust system (3) Fuel tank (and other fuel retention system parts) (4) Engine compartment	D		(6) (7) (8) (9)	axle) left side Forward of center of the rear wheels (rear axle) right side Over center of the rear wheels (rear axle) Other (specify): Unknown
	 (5) Cargo/trunk compartment (6) Instrument panel (7) Passenger compartment area (8) Other location (specify): (9) Unknown 			Dar (0) (1) (2) (3) (4) (5) (6)	Deformed, with a seam failure Punctured Lacerated (ripped) Abraded (scraped) Filler neck separation from the fuel tank Other damage (specify):

National Accident Sampling System-Crashworthiness D	Data System:	Exterior	Vehicle	Form
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43.	Leakage Location of Fuel System-1	47. Is This Vehicle Equipped With More Than Two Fuel Tanks?
44.	Leakage Location of Fuel System-2	(O) No (one or two tanks only)
	(0) No fuel tank	Yes - More Than Two Tanks
	(1) No fuel leakage	(1) Yes no damage to any tank or filler
	Primary Area Of Leakage	cap and no fuel system leakage
	(2) Tank	(2) Yes no damage to any tank or filler
	(3) Filler neck	cap but there is fuel system leakage
	(4) Cap	(specify leakage location):
	(5) Lines/pump/filter	
	(6) Vent/emission recovery	(3) Yes damage to an additional tank or
	(8) Other (specify):	filler cap and there is fuel system leakage
	(9) Unknown	(specify the following):
	P	Type of tank
	E of Form 1	Tank location Filler cap location
45.	Fuel Type-1	Tank damage
16	Fuel Type-2	Location of leakage
40.	Tuel Type-2	Type of fuel
	Single Fuel Type	(9) Unknown if more than two tanks
	(00) No fuel tank	
	(01) Gasoline	
	(02) Diesel	COMMENTS
	(03) CNG (Compressed Natural Gas)	COMMENTS
	(04) LPG (Liquid Petroleum Gas) also	
	known as Propane (05) LNG (Liquid Natural Gas)	
	(06) Methanol (M100 or M85)	
	(07) Ethanol (E100 or E85)	
	(08) Other (Hydrogen or others) (specify):	
	Electric Powered or Electric/Solar	
	Powered Vehicles	
	(10) Lead Acid Battery	
	(11) Nickel-Iron Battery	
	(12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery	
	(14) Sodium Sulfur Battery	
	(18) Other (Specify):	
	(98) Other Hybrid (specify):	
	(99) Unknown fuel type	
<u> </u>		
1		

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

(GV10=0)

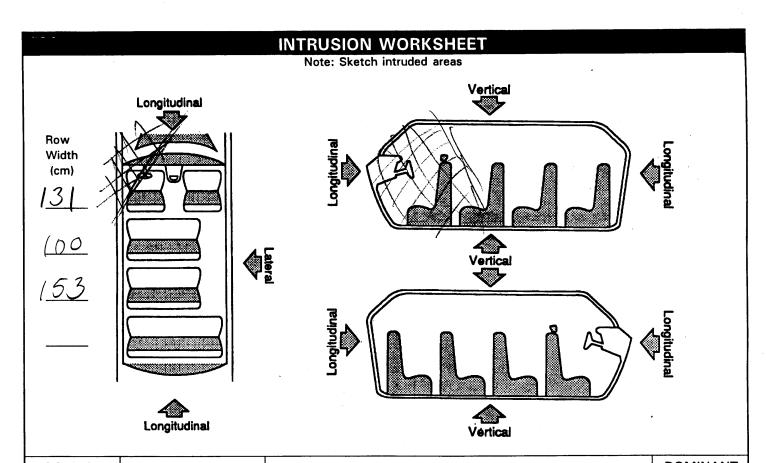
DO NOT COMPLETE THE INTERIOR VEHICLE FORM.

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

dministration	GLAZING
1. Primary Sampling Unit Number	Type of Window/Windshield Glazing
2. Case Number - Stratum	15. WS / 16. LF 217. RF 218. LR 219. RR 2
3. Vehicle Number	20. BL 221. Roof 22. Other 2
INTEGRITY	(O) No glazing
4. Passenger Compartment Integrity (00) No integrity loss Yes, Integrity Was Lost Through (01) Windshield (02) Door (side) (03) Door/hatch (back door)	(1) AS-1 — Laminated (2) AS-2 — Tempered (3) AS-3 — Tempered-tinted (original) (4) AS-2 — Tempered-with after market tint (5) AS-3 — Tempered-tinted (with additional after market tint) (6) AS-14 — Glass/Plastic (7) Glazing removed prior to accident (8) Other (specify):
(04) Roof (05) Roof glass	(9) Unknown
(06) Side window (07) Rear window (backlight)	Window Precrash Glazing Status
(08) Roof and roof glass (09) Windshield and door (side)	23. WS <u>1</u> 24. LF <u>2</u> 25. RF <u>2</u> 26. LR <u>2</u> 27. RR <u>2</u>
(10) Windshield and roof (11) Side and rear window (side window and backlight)	28. BL <u>/</u> 29. Roof <u>/</u> 30. Other <u>/</u>
 (12) Windshield and side window (13) Door and side window (98) Other combination of above (specify): (99) Unknown 	 (0) No glazing (1) Fixed (2) Closed (3) Partially opened (4) Fully opened (7) Glazing removed prior to accident (9) Unknown
Door, Tailgate or Hatch Opening	Glazing Damage from Impact Forces
5. LF <u>3</u> 6. RF <u>3</u> 7. LB 8. RR <u>3</u> 9. TG/H <u>3</u>	31. WS <u>2</u> 32. LF <u>6</u> 33. RF <u>6</u> 34. LR <u>6</u> 35. RR <u>6</u>
(0) No door/gate/hatch (1) Door/gate/hatch remained closed and operational (2) Door/gate/hatch came open during collision (3) Door/gate/hatch jammed shut (8) Other (specify):	 36. BL 37. Roof 38. Other (a) (0) No glazing (1) No glazing damage from impact forces (2) Glazing in place and cracked from impact forces (3) Glazing in place and holed from impact forces (4) Glazing out-of-place (cracked or not) and not holed from impact forces (5) Glazing out-of-place and holed from impact forces (6) Glazing disintegrated from impact forces
Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code Ø	(7) Glazing removed prior to accident (9) Unknown if damaged
10. LF 11. RF 12. LR 13. RR 14. TG/H	Glazing Damage from Occupant Contact
(0) No door/gate/hatch or door not opened	39. WS <u></u>
Door, Tailgate or Hatch Came Open During Collision (1) Door operational (no damage) (2) Latch/striker failure due to damage	44. BL 45. Roof 46. Other (0) No glazing
(3) Hinge failure due to damage	(1) No occupant contact to glazing (2) Glazing contacted by occupant but no glazing damage
(4) Door structure failure due to damage(5) Door support (i.e., pillar, sill, roof side rail,	(3) Glazing in place and cracked by occupant contact (4) Glazing in place and holed by occupant contact
etc.) failure due to damage (6) Latch/striker and hinge failure due to damage	(5) Glazing out-of-place (cracked or not) by occupant
(8) Other failure (specify):	contact and not holed by occupant contact (6) Glazing out-of-place by occupant contact and holed by
(9) Unknown	occupant contact (7) Glazing removed prior to accident (8) Glazing disintegrated by occupant contact

(9) Unknown if contacted by occupant



LOCATION		(All Measurements Are In Centimeters)					DOMINANT
OF	INTRUDED	COMPARISON		INTRUDED		INTRUSION	CRUSH
INTRUSION	COMPONENT	VALUE		VALUE	=		DIRECTION
//	Door pary	62		41	=	21	Lot
lt	Apillar 06	61		20	=	41	cot
11	Sidu Ro! 14	62		19	=	43	cot
21	Bpiller 07	72	_	45	=	27	Lot
21	palul	78	_	58	=	20	Long
21	14	62	.—	45	=	17	long
1.2	Steering why	86		57	=	29	Lat
		4.	_		=		
			-		=		
			_		=		
			_		=		
			_		=		
					=		
			_	-	= .		
					=		

OCCUPANT AREA INTRUSION

Note: If no intrusions, leave variables IV47-IV86 blank.

Note	e: If no intrusior	ns, leave variable	es IV47-IV	86 blank.
	Location of Intrusion		Magnitude of Intrusion	Dominant Crush Direction
1st	47. <u>/</u> _/	48. 1 4	49. 4	50. <u>2</u>
2nd	51//_	52. <u>06</u>	53. 4	54. <u>3</u>
3rd	55. / 2	56. <u></u>	57. 3	58. <u>3</u>
4th	59/_/_	60. <u>4</u> 7_	61.3	62.
5th	63//	64//_	65. 3	66. <u>3</u>
6th	67. <u>2</u> /	68. 12	69. <u>3</u>	702
7th	71. <u>2</u> /	72. <u>/</u>	73.	74
8th	75	_ 76	77	78
9th	79	80	81	82
10th	83	84	85	86

LOCATION OF INTRUSION

(31) Left

(32) Middle

(33) Right

Front Seat	Fourth Seat
(11) Left	(41) Left
(12) Middle	(42) Middle
(13) Right	(43) Right
Second Seat	(97) Catastrophic
(21) Left	(98) Other enclosed
(22) Middle (23) Right	area (specify)
(20)g	(99) Unknown
Third Seat	

INTRUDING COMPONENT

Interior Components

- (01) Steering assembly
- (02) Instrument panel left
- (03) Instrument panel center
- (04) Instrument panel right
- (05) Toe pan
- (06) A (A1/A2)-pillar
- (07) B-pillar
- (08) C-pillar
- (09) D-pillar
- (10) Side panel forward of the A1/A2-pillar
- (11) Door panel (side)
- (12) Side panel rear of the B-pillar
- (13) Roof (or convertible top)
- (14) Roof side rail
- (15) Windshield
- (16) Windshield header
- (17) Window frame
- (18) Floor pan (includes sill)
- (19) Backlight header
- (20) Front seat back
- (21) Second seat back
- (22) Third seat back
- (23) Fourth seat back
- (24) Fifth seat back
- (25) Seat cushion
- (26) Back door/panel (e.g., tailgate)
- (27) Other interior component (specify):

Exterior Components

- (30) Hood
- (31) Outside surface of this vehicle (specify):
- (32) Other exterior object in the environment (specify):
- (33) Unknown exterior object
- (97) Catastrophic
- (98) Intrusion of unlisted component(s) (specify):
- (99) Unknown

MAGNITUDE OF INTRUSION

- (1) \geq 3 centimeters but < 8 centimeters
- $(2) \ge 8$ centimeters but < 15 centimeters
- (3) \geq 15 centimeters but < 30 centimeters
- $(4) \ge 30$ centimeters but < 46 centimeters
- $(5) \ge 46$ centimeters but < 61 centimeters
- (6) \geq 61 centimeters
- (7) Catastrophic
- (9) Unknown

DOMINANT CRUSH DIRECTION

- (1) Vertical
- (2) Longitudinal
- (3) Lateral
- (7) Catastrophic
- (9) Unknown

	(All	Measurements Are in Centime	ters)	x
COMPARISON VALUE	_	DAMAGE VALUE	=	DEFORMATION
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-		=	
	-		·=	
			=	
	_		=	
9				

STEERING COLUMN	INSTRUMENT PANEL
87. Steering Column Type (1) Fixed column	92. Odometer Reading 9.000
(2) Tilt column	kilometers Code to the nearest 1,000 kilometers
(3) Telescoping column (4) Tilt and telescoping column	(000) No odometer
(8) Other column type (specify):	(001) Less than 1,500 kilometers (500) 499,500 kilometers or more
(9) Unknown	(999) Unknown
(o) Chikhowh	,
88. Tilt Steering Column Adjustment	Source
(0) No tilt steering column	93. Instrument Panel Damage from /
(1) Full up (2) Between full up and center	Occupant Contact?
(3) Center (4) Between center and full down	(1) Yes
(5) Full down	(9) Unknown
(9) Unknown	94. Type of Knee Bolster Covering
	(0) No knee bolster (1) Padded
89. Telescoping Steering Column Adjustment (0) No telescoping steering column	(2) Rigid plastic (8) Other (specify):
(1) Full back	(9) Unknown
(2) Between full back and midpoint (3) Midpoint	95. Knee Bolsters Deformed from
(4) Between midpoint and full forward	Occupant Contact?
(5) Full forward (9) Unknown	(0) No knee bolster (1) No deformation
	(2) Yes - deformation (9) Unknown
90. Steering Rim/Spoke Deformation	
Code actual measured deformation to the nearest centimeter	96. Did Glove Compartment Door Open During Collision(s)?
(00) No steering rim deformation	(0) No glove compartment door
(01-14) Actual measured value in centimeters (15) 15 centimeters or more	(1) No - door did not open (2) Yes - door opened
(98) Observed deformation cannot be measured (99) Unknown	(9) Unknown
(66) Challewii	97. Adaptive (Assistive) Driving Equipment
91. Location of Steering Rim/Spoke	(0) No adaptive driving equipment (1) Adaptive driving equipment installed
Deformation (00) No steering rim deformation	(Check all that apply.) [] Hand controls for braking/acceleration
,	[] Steering control devices (attached to OEM
Quarter Sections (01) Section A	steering wheel [] Steering knob attached to steering wheel
(02) Section B	[] Low effort power steering (unit or device)
(03) Section C (04) Section D	[] Replacement steering wheel (i.e., reduced diameter)
Half Sections	[] Joy-stick steering controls [] Wheelchair tie-downs
(05) Upper half of rim/spoke	[] Modification to seat belts (specify):
(06) Lower half of rim/spoke	[] Additional or relocated switches (specify):
(08) Right half of rim/spoke	[] Raised roof
(09) Complete steering wheel collapse	[] Wall-mounted head rest (used behind
(10) Undetermined location (99) Unknown	wheelchair) [] Other adaptive device (specify):
	(9) Unknown
	(5) GIRAGOWII
	I

VEHICLE INTERIOR SKETCHES Note area of ejection/entrapment

Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove compartment, damage to instrument panel structure.

Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.

Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

POINTS OF OCCUPANT CONTACT						
	Interior Component	Occup No.				Confidence Level of
Contact	Component	Knov		Supporting Physical	Evidence	Contact Point
Α	051		Hm	bland Flort		7
В	120	1 5	Foew	placed Ska	The self	1/1/
С	011	2	Lea	Den Con land	5 holds	1
D	151	.3	1000	5 Kin 6/000	7	
E	07	Y	1/04/	1		
F	/ - 3 -	 	11779	11410		
G						
Н						
1	<u> </u>					
J		1				
						· · · · · · · · · · · · · · · · · · ·
K						
L						
М						
N						
(007) Steering column, train selector leving attachment (008) Cellular telegradio (009) Add on equivalent deck, air column, train below (011) Center instrumbelow (012) Right instrument (015) Windshield more of the header, A (Ainstrument (passenger (017) Windshield exterior objectives (019) Other front	heel rim heel hub/spoke heel (combination 04 and 005) hismission er, other sphone or CB dipment(e.g., tape inditioner) hent panel and rument panel and ment panel and partment door or following: front A1/A2)-pillar, panel, mirror, or tembly (driver including one or following: front A1/A2)-pillar, panel, or mirror side only) teinforced by sert, (specify):	(052) L (053) L (054) L (055) C (056) L (057) L (058) L (059) L (059) L (101) R (102) R (101) R (103) R (104) R (105) O (106) R (107) R (108) R (107) R (108) R (109) R (109) R (101) R	Left side interior surface, excluding hardware or immests. Left side hardware or immest Left A (A1/A2)-pillar Left B-pillar (specify): Left side window glass Left side window sill Left side window glass Lef	(163) Other interior object (specify): AIR BAG (170) Àir bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag compartment cover (specify) ROOF (201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (205) Roof or convertible top FLOOR (251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including console	(301) Backlight (rear (302) Backlight stora door, etc. (303) Other rear obje ADAPTIVE (ASSISTIV EQUIPMENT (401) Hand controls braking/acceler (402) Steering contro (attached to Ol wheel) (403) Steering knob a steering wheel (405) Replacement store (407) Wheelchair tie- (408) Modification to (specify): (409) Additional or reswitches, (specify): (410) Raised roof (411) Wall mounted it (used behind w (412) Other adaptive (specify):	ge rack, ct (specify):
				(253) Parking brake handle (254) Foot controls including parking brake	CONFIDENCE LEVEL (POINT (1) Certain (2) Probable (3) Possible (9) Unknown	CONTACT

MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a Child safety seat is present, encode the data on the back of this page.

If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page.

	·	Left	Center	Right
F	Availability	4	· \	
	Evidence of usage	9 '4-		0.4
R	Used in this crash?	8		A .
S	Proper Use	0		B
Ť	Failure Modes	6		8
	Anchorage Adjustment			
	Availability	\mathcal{G}_{i}	4	
s	Evidence of usage	00	514	
SECO	Used in this crash?	Ø	0	
ŏ	Proper Use	0	Ø	
Ň D	Failure Modes	Ø	Ø	
	Anchorage Adjustment	8	· N	, ,
	Availability	4.	3	4,
0	Evidence of usage	94	03	as l
H E R	Used in this crash?	8	8	0
	Proper Use	0	D	
	Failure Modes	8	Ø	A
	Anchorage Adjustment			

Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):
- (9) Unknown

Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify):
- (02) Shoulder belt (03) Lap belt (04) Lap and shoulder belt
- (05) Belt used type unknown(08) Other belt used (specify):
- -----
- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat type unknown
- (18) Other belt used with child safety seat (specify):
- (99) Unknown if belt used

Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of manual belt system (specify):
- (9) Unknown

Manual (Active) Belt Failure Modes During Accident

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other manual belt failure (specify):
- (9) Unknown

Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

AUTOMATIC RESTRAINTS

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

AIR BAGS

		Left Front	Right Front	Other
F	Availability/Function	l		1
R	Deployment	1		X
S	Failure	1		

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

Non-functional

- (2) Air bag disconnected (specify):
- (3) Air bag not reinstalled
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (9) Unknown

Frontal Air Bag System Deployment

- (This Occupant Position)
- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Air Bag(s) Deployment, <u>Other</u> Than First Seat Frontal (This Occupant Position)

- (0) Not equipped with an **other** air bag
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, details unknown
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- 5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

AUTOMATIC BELTS

		Left	Right
H-80H	Availability/Function		
	Use		
	Type		
	Proper Use		
	Failure Modes	2	()

Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

Automatic (Passive) Belt System Type

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly

with child safety seat (specify):

- (8) Other improper use of automatic belt system (specify):
- (9) Unknown

Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- 6) Broken retractor
- (7) Combination of above (specify):
- 8) Other automatic belt failure (specify):
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

Encode the applicable data for the driver and first seat passenger in the vehicle. The attribute for the variable may NOTES: be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
Type of air bag?		
Flaps open at tear points?	ユ	
Flaps damaged?	1	
Air bag damaged?	01	
Source of air bag damage	ÐÌ	X
Air bag tethered?	2	
Air bag have vent ports?	2	
Other occupant contact air bag?	2	
Occupant wearing eyewear?		3

Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- Retrofitted air bag
- Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

Did Air Bag Module Cover Flap(s) Open At **Designated Tear Points?**

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed (06) Burned
- (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Was The Air Bag Tethered?

- (0) Not equipped/not available
- Yes (specify number of tether (2) straps):
- Deployed, unknown if tethered
- (7) Not deployed
- Unknown if deployed
- Unknown (9)

Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of vent ports):
- Deployed, unknown if vent ports present
- Not deployed
- (8)Unknown if deployed
 - Unknown

Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

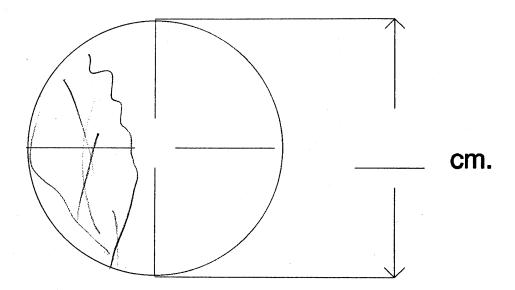
- (0) Not equipped/not available
- (1) No
- (2) Yes pecify):
- 0055 Deployed/unknown if other occupant contact to air bag
- Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was This Occupant Wearing Eye-wear?

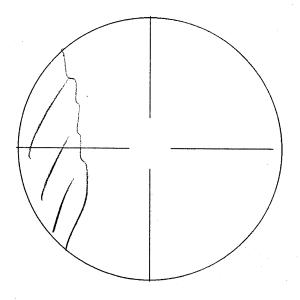
- (0) Not equipped/not available
- (1)
- (2) Eyeglasses/sunglasses
- Contact lenses
- Deployed, unknown if eyewear worn
- Not deployed
- Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



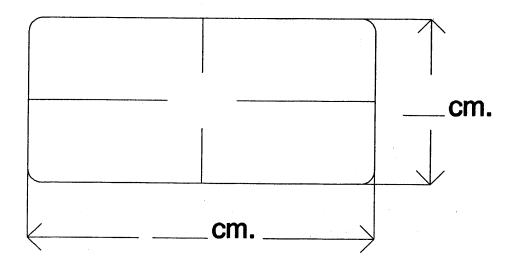
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



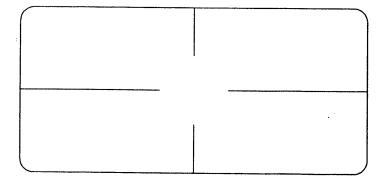
DRIVER AIR BAG SKETCHES (Cont'd) 3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap b. Lower Flap width (W_u) width (WL) height (H_L) height (H_U) _ H, H, 5. SKETCH OF OTHER TYPE OF AIR BAG VENT 4. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE **PORTS** 6. SKETCH LOCATION OF CIRCULAR AIR BAG VENT **PORTS**

PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



PASSENGER AIR BA	G SKETCHES (Cont'd)
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) a. Flap	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)
width (W)	a. Upper Flap b. Lower Flap
height (H)	width (W _U) width (W _L)
	height (H _U) height (H _L)
\downarrow	W ₁
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT
FLAP AND SIZE	PORTS
•	
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS	
10 11 12 1 2	
9 3	
8 7 6 5 4	

į.

National Accident Sampling System-Crashworthiness Data System: Interior Vehicle Fo	
"OTHER" AIR BAG DAMAGE AND CONTACT SKETCH	ES
1. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Front)	

2. SKETCH DAMAGE AND CONTACT EVIDENCE ON "OTHER" AIR BAG (Back)

	"OTHER" AIR BAG S	KETCHES (Cont'd)	
O CYFTOU AID DAG AADDUNE ELAD			
3. SKETCH AIR BAG MODULE FLAP	AND SIZE OR OPENING	FOR AIRBAG	
	•		
		,	
4. SKETCH AIR BAG VENT PORTS			

HEAD RESTRAINTS/SEAT EVALUATION

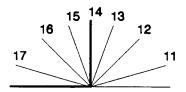
NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

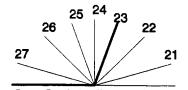
		Left	Center	Right
	Head Restraint Type/Damage		•	
F	Seat Type	10		10
1	Seat Performance	6		1
R	Seat Orientation	7	X	
T	Seat Track Position	Ц		4
	Seat Back Incline Pre/Post Impact	14		23
	Head Restraint Type/Damage	0		6
S	Seat Type	-03		03
Ε	Seat Performance	7 .		\mathcal{I}
C O	Seat Orientation	1		1.
N D	Seat Track Position	7)	1
	Seat Back Incline Pre/Post Impact	01	·	Θt
	Head Restraint Type/Damage	0	6	6
т	Seat Type	63	03	-23
H	Seat Performance	T	/	1
Ŕ	Seat Orientation)	1	j
D	Seat Track Position	1		1
į	Seat Back Incline Pre/Post Impact	-0+	01	Ð/
	Head Restraint Type/Damage		\ \	
ō	Seat Type			
H	Seat Performance			
E R	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact			

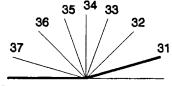
DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

HEAD RESTRAINTS/SEAT EVALUATION

Head Restraint Type/Damage by Seat Performance (this Occupant Seat Back Incline Prior and Post Occupant at This Occupant Position Position) (0) No head restraints (00) Occupant not seated or no seat (0) Occupant not seated or no seat (1) Integral — no damage(2) Integral — damaged during No seat performance failure(s) (01) Not adjustable (1) Seat adjusters failed (2)Upright prior to impact accident Seat back folding locks or "seat (11) Moved to completely rearward back" failed (specify): (3) Adjustable - no damage position (4) Adjustable - damaged during (12)Moved to rearward midrange accident (4) Seat tracks/anchors failed position (5) Deformed by impact of occupant (5) Add-on - no damage (13)Moved to slightly rearward -(6) Add-on - damaged during (6) Deformed by passenger position accident compartment intrusion Retained pre-impact position (8) Other (specify)し Ov Moved to slightly forward (7) Combination of above (specify): Specify): position (9) Unknown Moved to forward midrange (8) Other (specify): position (17)Moved to completely forward (9) Unknown position Seat Type (this Occupant Position) (00) Occupant not seated or no Slightly reclined prior to impact seat (21) Moved to completely rearward (01) Bucket Seat Orientation (this Occupant position (02) Bucket with folding back Position) (22)Moved to rearward midrange (03) Bench (0) Occupant not seated or no seat position (04) Bench with separate back Forward facing seat (1) (23)Retained pre-impact postion cushions (2)Rear facing seat (24)Moved to upright position (05) Bench with folding back(s) (3) Side facing seat (inward) (25)Moved to slightly forward (06) Split bench with separate (4) Side facing seat (outward) position back cushions (8) Other (specify): (26)Moved to forward midrange (07)Split bench with folding position back(s) (9) Unknown (27)Moved to completely forward (08) Pedestal (i.e., column position supported) (09) Other seat type (specify): Completely reclined prior to impact Seat Track Adjusted Position Prior To Retained pre-impact position (10) Box mounted seat (i.e., van Moved to rearward midrange (32)type) (0) Occupant not seated or no seat position (99)Unknown (1) Non-adjustable seat track (33)Moved to slightly rearward position Adjustable Seat Track (34)Moved to upright position (2) Seat at forward most track position (35)Moved to slightly forward (3) Seat between forward most and position middle track positions (36)Moved to forward midrange (4) Seat at middle track position position (5) Seat between middle and rear most (37)Moved to completely forward track positions position Seat at rear most track position (9) Unknown (99) Unknown







Coding diagrams for Seat Back Incline Position Prior and Post Impact

	CHILD SAFETY SEA	T FIELD ASSESSMENT	
the	hen a child safety seat is present enter the occupare occupant's number using the codes listed below	s number in the first row and complete the column	n below resent.
00	ccupant Number		
1.	Type of Child Safety Seat		
	Child Safety Seat Orientation		
3.	Child Safety Seat Harness Usage	A	
	Child Safety Seat Shield Usage		
	Child Safety Seat Tether Usage		
6.	Child Safety Seat Make/Model	ecify Below for Each Child Safety Seat	
	Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed for Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (13) Other orientation (specify): (14) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing	 Child Safety Seat Tether Usage Note: Options Below Are Used for Variat (00) No child safety seat Not Designed with Harness/Shield/Tether (01) After market harness/shield/tether added, not used (02) After market harness/shield/tether added, not used (03) Child safety seat used, but no after harness/shield/tether added (09) Unknown if harness/shield/tether added or used Designed With Harness/Shield/Tether (11) Harness/shield/tether not used (12) Harness/shield/tether used (19) Unknown if harness/shield/tether used (21) Harness/shield/tether not used (22) Harness/shield/tether used (29) Unknown if harness/shield/tether used (29) Unknown if child safety seat used Child Safety Seat Make/Model (Specify make/model and occupant numb 	r used r market sed ld/Tether
	(28) Other orientation (specify): (29) Unknown orientation		
3.	(99) Unknown if child safety seat used Child Safety Seat Harness Usage		

	E,	JECTION/	ENTRAPI	MENT D	ATA			
	Complete the following if the researcher has any indication that an occupant was either ejected from or entrapped in the vehicle. Code the appropriate data on the Occupant Assessment Form.							
	CTION No [] Yes [] cribe indications of ejection and to the second sec	pody parts in	volved in p	artial ejecti	Ull_	7		
					Wh	eniz		
	Occupant Number	1-1-						
	Ejection	2						
	(Note on Vehicle Interior Sketch) / Ejection Area	4.						
	Ejection Medium	4						-
	Medium Status	2					·	
Ejection (1) Complete ejection (2) Partial ejection (3) Ejection, Unknown degree (9) Unknown Ejection Area (1) Windshield (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown Ejection Medium (1) Door/hatch/tailgate		ecify):	(5) Integral structure (8) Other medium (specify): (9) Unknown Medium Status (Immediately Pricto Impact) (1) Open			rior		
(3) (4) (5)	Left front Right front Left rear Right rear Rear	(3) Fixed (4) Nonfix	xed roof str glazing xed glazing	(specify):	(3) I	Closed ntegral struct Jnknown	ure	
	RAPMENT No [] Yes [ribe entrapment mechanism:	=			•			
Com	ponent(s):							
(Note	in vehicle interior diagram)						· · · · · · · · · · · · · · · · · · ·	



U.S. Department of Transportation

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM National Highway Traffic Safety Administration

_	13		OCCUPANT'S SEATING		
7.	Primary Sampling Unit Number	10	Occupant's Seat Position	/	1
2.	. Case Number - Stratum $\frac{1994}{1}$	10.	Front Seat		<u>-</u> '-
3.	Vehicle Number		(11) Left side (12) Middle		
4.	Occupant Number		(12) Middle (13) Right side		
٠.	OCCUPANT'S CHARACTERISTICS		(14) Other (specify):	_	
	OCCUPANT S CHANACTENISTICS	1	(15) On or in the lap of another occupant		
5.	Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown		Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant		
6. (Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown		Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):	-	
	Occupant's Height Code actual height to the nearest centimeter. (999) Unknown		(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown	-	
	70 inches X 2.54 = centimeters				_
9.	Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknown		Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of (4) Sitting sideways or turned to talk with occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface of seat (8) Other abnormal posture (specify): (9) Unknown	anoth v	her

National Accident Sampling System-Crashworth			Page 2
EJEC	CTION/E	ENTRAPMENT	
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	2	15. Medium Status (Immediately Prior To Im (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown	1pact) <u>2</u>
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	2	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically res (2) Could not exit vehicle due to jammer fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconsidisoriented	d doors,
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): Leff Front Window (5) Integral structure (8) Other medium (specify):	4	(2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	
(9) Unknown			

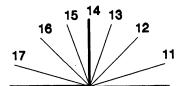
BELT SYSTEM	M FUNCTION
18. Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position
Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify): (9) Unknown 19. Manual (Active) Belt System Use (00) None used, not available, or belt	(5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment 23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown
removed/destroyed (O1) Inoperative (specify): (O2) Shoulder belt (O3) Lap belt (O4) Lap and shoulder belt (O5) Belt used—type unknown (O8) Other belt used (specify):	Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown 24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative
 (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with child safety seat (15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat (specify): (99) Unknown if belt used 20. Proper Use of Manual (Active) Belts (0) None used or not available (1) Belt used properly (2) Belt used properly with child safety seat Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used 	(1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown 25. Automatic (Passive) Belt System Type (0) Not equipped/not available (1) Non-motorized system (2) Motorized system (9) Unknown 26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back
improperly with child safety seat (specify): (8) Other improper use of manual belt system (specify): (9) Unknown 21. Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s)	 (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify): (8) Other improper use of automatic belt system (specify): (9) Unknown
 (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other manual belt failure (specify): (9) Unknown 	27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):
	(9) Unknown

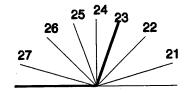
	POLICE REPORTED RESTRAINT USE		AIR BAG SYSTEM FUNCTION
28.	Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):		Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
29.	Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31.	Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	Check the Primary Source Used In Determining Belt Use. [] Not equipped/not available/destroyed or rendered inoperative [X] Vehicle inspection [] Official injury data [] Driver/occupant interview [] Other (specify): [] Unknown if belt used	32.	Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	- paip no seathert	33.	Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
		34.	Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify): (9) Unknown

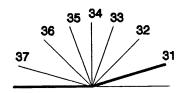
FIRST SEAT FRONTAL AIR	BAG SYSTEM EVALUATION
35. Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of Delta V For Air Bag Deployment Impact (000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (996) Deployment, unknown longitudinal Delta V (997) Not deployed (998) Unknown if deployed (999) Unknown
36. Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed (9) Unknown
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown 38. Air Bag Deployment Accident Event Sequence Number	42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed (8) Unknown if deployed (9) Unknown
(00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown

	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued		HEAD RESTRAINT AND SEAT EVALUATION
	Source of Air Bag Damage (00) Not equipped/not available (01) Not damaged (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other damage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown (99) Unknown Was The Air Bag Tethered?	1 2	49. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify): (9) Unknown 50. Seat Type (this Occupant Position) (00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back (03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s) (06) Split bench with folding back(s) (07) Split bench with folding back(s) (08) Pedestal (i.e., column supported)
	(0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown if deployed (9) Unknown Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown if deployed	2	(09) Box mounted seat (i.e., van type) (10) Other seat type (specify): (99) Unknown 51. Seat Orientation (this Occupant Position) (0) Occupant not seated or no seat (1) Forward facing seat (2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify): (9) Unknown 52. Seat Track Adjusted Position Prior To Impact
47.	(9) Unknown Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant cont to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown	2 Fact	 (0) Occupant not seated or no seat (1) Non-adjustable seat track Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle track positions (4) Seat at middle track position (5) Seat between middle and rear most track positions (6) Seat at rear most track position (9) Unknown
48	Was This Occupant Wearing Eye-wear? (O) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed	4	

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
54.	(99) Unknown Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify): (7) Combination of above (specify): (8) Other (specify): (9) Unknown	







			CHILD SAF	- U U	OL.		
55.		afety Seat Make/Model No child safety seat	<u>888</u>	58.	Child	Safety Seat Harness Usage	80
	Applica Data Co	ble codes are found in your ollection, Coding and Editing Built-in child safety seat	NASS CDS	59.	Child	Safety Seat Shield Usage	<u>80</u>
	(997)	Other make/model (specify):		60.	Child	Safety Seat Tether Usage	00
		Jnknown make/model Jnknown if child safety seat	used		Varia	Options below applicable to bles OA58-OA60. No child safety seat	
56.	(0) No	f Child Safety Seat child safety seat ant seat	<u> </u>		Not L	Designed With Harness/Shield/ After market harness/shield/te	Tether ether
	(3) Cor (4) Boo	ddler seat nvertible seat oster seat - with shield			(02) (03)	added, not used After market harness/shield/te Child safety seat used, but no harness/shield/tether added	ether used after market
	(7) Oth	oster seat - without shield ner type child safety seat (sp			(09)	Unknown if harness/shield/tet added or used	her
		known child safety seat type known if child safety seat us			(11)	gned With Harness/Shield/Teth Harness/shield/tether not used Harness/shield/tether used	<i>er</i> d
57.		Safety Seat Orientation To child safety seat	00		(19)	Unknown if harness/shield/tet	
		ed for Rear Facing for This A	Age/Weight		(21)	nown If Designed With Harness Harness/shield/tether not used Harness/shield/tether used	s/Shield/Tether d
	(02) F	lear facing forward facing Other orientation (specify):			(29)	Unknown if harness/shield/ter	
	(09) Ū	Inknown orientation			(99)	Unknown if child safety seat	usea
	(11) R	ed For Forward Facing for T Rear facing	his Age/Weight				
		orward facing Other orientation (specify):					
	, ,	Jnknown orientation					
	Age/W	<i>wn Design or Orientation Fo /eight, or Unknown Age/Wei</i> Rear facing					
	(22) F	Forward facing Other orientation (specify):					
	(29) ເັ	Jnknown orientation	 				
	(99) L	Jnknown if child safety seat	used				

	INJURY CONSEQUENCES	7		
61.	Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown	4	() () () () ()	Type Of Medical Facility (for Initial Treatment) O) Not treated at a medical facility 1) Trauma center 2) Hospital 3) Medical clinic 4) Physician's office 5) Treatment later at medical facility 8) Other (specify):
62.	Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify): Nonfatal (3) Hospitalization (4) Transported and released		() t (Hospital Stay OO) Not Hospitalized Code the number of days (up through 60) hat the occupant stayed in hospital. 61) 61 days or more 99) Unknown Vorking Days Lost Code the number of days
	 (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify): (8) Transported to a medical facility-unknown in treated (9) Unknown 	f	(up through 60) that the occupant lost from work due to the accident 00) No working days lost 61) 61 days or more 62) Fatally injured 97) Not working prior to accident 99) Unknown
	STOP	wo	ORK	HERE

VARIABLES 66-74

INJURY CONSEQUENCES	TRAUMA DATA
Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67. 1st Medically Reported Cause of Death 68. 2nd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given 73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
(97) Other result (includes fatal ruled disease) (specify): (99) Unknown 70. Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

<u>/3</u>

3. Vehicle Number

01

2. Case Number - Stratum

4. Occupant Number

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

				A.I.S	90				Injury		Occupant
	Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Source Confidence Level	Direct/ Indirect Injury	Area Intrusion Number
Jask 1st	6. 1	6	7. <u>5</u>	8. <u>02</u>	9. <u>06</u>	10. <u>4</u>	11. <u>8</u> 12.	507	13.3 1	4. <u>/</u>	15. <i>0</i> 0_
2nd		17. 🗘		9.06	20.82	21. <u>3</u>	22.9 23.	507	24. <u>3</u> 2	5/	26. FD
subo 3rd	170.1	ein L 28. <u>L</u> :	inu 29. <u>4</u> 3	o. <u>06</u>	31. <u>84</u>	32. <u>3</u>	33. 2 34.	507	35. <u>3</u> 3	6. <u>/</u>	37. <u>50</u> _
may 4th	ill or l	}↓↓ 39. <u>2</u> .	40. <u>5</u> 4	1. <u>08</u>	42. 00	43. 2	44. <u>9</u> 45.	507	463 4	7. <u>/</u>	48. <u>60</u>
tun 6	y cont 49. 1	50. <u>4</u> 1	51. <u>4</u> 5	2. <u>/4</u>	53. <u>/</u> Ø	54. 4	55. <u>3</u> 56.	051	57. <u>3</u> 5	8	59. <u>0</u> 5
1 3					64. <u>60</u>						70. <u>05</u>
f th	71.	72. <u>7</u>	73. <u>5</u> 7	4. <u>18</u>	75. <u>bo</u>	76. <u>2</u>	77. / 78.	010	79. 💆 8	o. <u>/</u>	81. <u>FO</u>
H _{8th}	82.	83. 4	34. <u>5</u> 8	5. <u>02</u>	86. 20	87. <u>A</u>	88. 2 89.	051	90. 2 9	1. <u>/</u>	92.65
alur 9th	93	94. 2	95. <u>9</u> 9	8.02	97. <u>02</u>	98. /	99. <u>8</u> 100.	602	101.2 10	2. <u>3</u> 11	03. 60
livui 10th	104.	105. 4 10	o6. <u>9</u> 10	. 04	108. 02	109	110. 2 111.	051	112. 2 11	3. / 1	14. <u>05</u>
							· ·				٠

				occi	JPANT I	NJURY	DATA				• 4
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
loc 11th		_7	9	06	02		3	05/	2		05
brus 12th		8	9	04	02	<u> </u>	2_	<u>851</u>	<u>2</u> _		<u>05</u>
Yoreus 13th	~ <u>1</u>	<u>8</u>	9	<u>04</u>	02	<u></u>	_	<u>007</u>	2 _		60
upper 14th	armf4	1	5	<u>26</u>	<u>00</u>	<u>2</u>	<u>\$</u>	051	<u></u>		05
15th											
16th	1 (1 m) 2 m) 										
17th	· · · · · · · · · · · · · · · · · · ·										1
18th											
19th					· .						
20th	*******				•		 .				
21st									••••		
22nd					· · · · · · · · · · · · · · · · · · ·		e e e e e e e e e e e e e e e e e e e				
23rd					10 10 10 10 10 10 10 10 10 10 10 10 10 1						
24th											
25th			<u></u>								

(Down Degr & Kal

(02)

(04) Thoracic (06) Lumbar

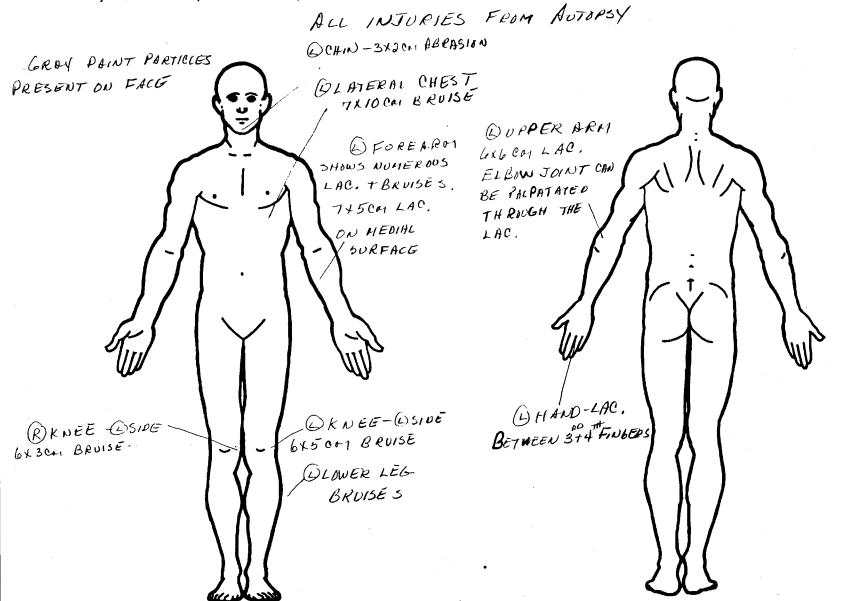
OCCUPANT INJURY CLASSIFICATION Aspect Specific Anatomic Level of Injury **Body Region** Structure Right Specific injuries are (1)Head (2)Left assigned consecutive (2)Face (3)Bilateral two-digit numbers Vessels, Nerves, Organs. (3) Neck Bones, Joints are assigned (4) Central beginning with 02. (4)Thorax Anterior (5) consecutive two digit Abdomen (5) Posterior (6)To the extent possible, Spine numbers beginning with (6) Superior (7)within the organizational (7)Upper Extremity 02. framework of the AIS, 00 (8) Inferior Lower Extremity (8)Unknown (9) is assigned to an injury The exceptions to this rule Unspecified (9) Whole region (0) NFS as to severity or apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion that anatomic structure. Structure (04) Skin - Contusion 99 is assigned to any injury NFS as to lesion or (06) Skin - Laceration Whole Area (1)(08) Skin - Avulsion severity. Vessels (2) (10) Amputation (3) Nerves **Abbreviated Injury Scale** (20) Burn (4) Organs (includes Muscles/ligaments) (30) Crush Minor Injury Skeletal (includes (40) Degloving (5) (50) Injury - NFS (2)Moderate Injury ioints) Serious Injury (90) Trauma, other than (3) Head - LOC (6) Severe Injury mechanical (4) (9) Skin (5) Critical Injury Head - LOC Maximum (6) (untreatable) (02) Length of LOC (7)Injured, unknown (04) Level severity (06) of (08) Consciousness (10) Concussion Spine Cervical

DIRECT/INDIRECT INJURY INJURY SOURCE SOURCE OF INJURY DATA CONFIDENCE LEVEL OFFICIAL RECORDS Direct contact injury (1) Autopsy records with or (1) Certain Indirect contact injury (2) without hospital/medical (2) Probable Noncontact injury (3) (3) Possible records Injured, unknown source (2) Hospital/medical records other (9) Unknown than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police

FRON1	•	/100	Diebe eide beschwere	/1001	Air has necessary side and	(411)	Wall mounted hard rost
		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest (used behind wheel chair)
	Windshield	(102)	Picht A (A1/A2)-niller	/19A\	object held	(412)	Other adaptive device
	Mirror		Right A (A1/A2)-pillar	(104)	Air bag-passenger side and	(~1Z)	(specify):
	Sunvisor		Right B-pillar	/10E\	object in mouth		(apacity).
	Steering wheel rim	(105)	Other right pillar (specify):	(165)	Air bag compartment		
	Steering wheel hub/spoke	(106)	Dight side window slees	/106\	cover-passenger side	EVTER	IOR of OCCUPANT'S
006)	Steering wheel (combination		Right side window glass	(180).	Air bag compartment	VEHIC	
	of codes 004 and 005)	(107)	<u> </u>		cover-passenger side and		
(007)	Steering column,		Right side window sill	44071	eyewear	(451)	
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and		outside mirror, antenna)
(800	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
011)	Center instrument panel and				object in mouth	EXTER	IOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	LE
012)	Right instrument panel and	(151)	Seat, back support			(501)	Front bumper
	below	(152)	Belt restraint	(195)	Other air bag compartment	(502)	Hood edge
(013)	Glove compartment door		webbing/buckle		cover (specify)	(503)	Other front of vehicle
(014)	Knee bolster	(153)	Belt restraint B-pillar or door				(specify):
(015)	Windshield including one or		frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,		component (specify):	(201)	Front header	(505)	Hood ornament
	instrument panel, mirror, or			(202)	Rear header	(506)	Windshield, roof rail, A-pilla
	steering assembly (driver	(155)	Head restraint system	(203)	Roof left side rail		Side surface
	side only)	(160)	Other occupants (specify):	(204)	Roof right side rail	(508)	Side mirrors
016)	Windshield including one or				Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(161)	Interior loose objects			,	(specify):
	header, A (A1/A2)-pillar,		Child safety seat (specify):	FLOO	R		10,000
	instrument panel, or mirror	(102)	orma survey sout (specify).		Floor (including toe pan)	(510)	Rear surface
	(passenger side only)	(163)	Other interior object		Floor or console mounted		Undercarriage
(017)	Windshield reinforced by	(103)	(specify):	(232)			~
	Astronomic retriorced by					/E12\	
(017)	autorias abiant (appoint)		10000,		transmission lever, including		Tires and wheels
(017)	exterior object (specify)			(252)	console	(512) (513)	Other exterior of other
		A ID D			console Parking brake handle		
	exterior object (specify) Other front object (specify):	AIR B	AG		console Parking brake handle Foot controls including		Other exterior of other
		(170)	AG Air bag-driver side		console Parking brake handle	(513)	Other exterior of other motor vehicle (specify):
(019)	Other front object (specify):	(170)	AG Air bag-driver side Air bag-driver side and	(254)	console Parking brake handle Foot controls including	(513)	Other exterior of other motor vehicle (specify): Unknown exterior of other
(019) LEFT :	Other front object (specify):	(170) (171)	AG Air bag-driver side Air bag-driver side and eyewear	(254) REAR	console Parking brake handle Foot controls including parking brake	(513)	Other exterior of other motor vehicle (specify):
(019) LEFT :	Other front object (specify): SIDE Left side interior surface,	(170) (171)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and	(254) REAR (301)	console Parking brake handle Foot controls including parking brake Backlight (rear window)	(513) (514)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle
(019) LEFT :	Other front object (specify): SIDE Left side interior surface, excluding hardware or	(170) (171) (172)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry	(254) REAR (301)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack,	(513) (514) OTHE	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN
(019) LEFT (Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests	(170) (171) (172)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and	(254) REAR (301) (302)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	(513) (514) OTHEI THE E	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT
(019) LEFT (Other front object (specify): SIDE Left side interior surface, excluding hardware or	(170) (171) (172)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry	(254) REAR (301) (302)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack,	(514) (514) OTHEI THE E (551)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground
(019) LEFT (Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests	(170) (171) (172) (173)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and	(254) REAR (301) (302)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	(514) (514) OTHEI THE E (551)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT
(019) LEFT ((051)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or	(170) (171) (172) (173)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held	(254) REAR (301) (302)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	(514) (514) OTHEI THE E (551)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground
(019) LEFT (051) (052)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest	(170) (171) (172) (173) (174)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and	(254) REAR (301) (302) (303)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc.	(514) (514) OTHEI THE E (551)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object
(019) LEFT (051) (052) (053) (054)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar	(170) (171) (172) (173) (174)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth	(254) REAR (301) (302) (303)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify):	(513) (514) OTHER THE E (551) (598)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object
(019) LEFT (051) (052) (053) (054)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(170) (171) (172) (173) (174) (175)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIF	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify):	(513) (514) OTHER THE E (551) (598)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):
(019) LEFT (051) (052) (053) (054) (055)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar	(170) (171) (172) (173) (174) (175)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side	(254) REAR (301) (302) (303) ADAP EQUIF	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING	(513) (514) OTHER (551) (598)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify):
(019) (051) (052) (053) (054) (055) (056)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(170) (171) (172) (173) (174) (175)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIF (401)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for	(513) (514) OTHER (551) (598) (599)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object
019) LEFT (051) 052) 053) 054) 055) (056)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify):	(170) (171) (172) (173) (174) (175)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIF (401)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING PMENT Hand controls for braking/acceleration	(513) (514) OTHER THE E (551) (598) (599) NONC (601)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object
019) LEFT (051) 052) 053) 054) 0055) (056) (057) (058)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame	(170) (171) (172) (173) (174) (175)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear	(254) REAR (301) (302) (303) ADAP EQUIF (401)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING PMENT Hand controls for braking/acceleration Steering control devices	(513) (514) OTHER E (551) (598) (599) NONC (601) (602)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object
019) LEFT (051) 052) 053) 054) 0055) (056) (057) (058)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill	(170) (171) (172) (173) (174) (175) (176)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIF (401) (402)	Console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING PMENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering	(513) (514) OTHER E (551) (598) (599) NONC (601) (602)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object CONTACT INJURY Fire in vehicle Flying glass
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019) LEFT (051) 052) 053) 054) 0055) (056) (057) (058)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the	(170) (171) (172) (173) (174) (175) (176)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment	(254) REAR (301) (302) (303) ADAP EQUIF (401) (402) (403)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING PMENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel	(513) (514) OTHER (551) (598) (599) NONC (601) (602) (603)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object CONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source
019) LEFT (051) 052) 053) 054) 0055) (056) (057) (058)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window sill Left side window glass including one or more of the following: frame, window	(170) (171) (172) (173) (174) (175) (176) (177) (178)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held	(254) REAR (301) (302) (303) ADAP EQUIF (401) (402) (403)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING MENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel	(513) (514) OTHER E (551) (598) (599) NONC (601) (602) (603)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object CONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
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019) LEFT (051) 052) 053) 054) 055) 0056) (057) (058) 0059)	Other front object (specify): SIDE Left side interior surface, excluding hardware or armrests Left side hardware or armrest Left A (A1/A2)-pillar Left B-pillar Other left pillar (specify): Left side window glass Left side window frame Left side window sill Left side window glass including one or more of the following: frame, window sill, A (A1/A2)-pillar, B-pillar, or roof side rail. Other left side object	(170) (171) (172) (173) (174) (175) (176) (177) (178)	AG Air bag-driver side Air bag-driver side and eyewear Air bag-driver side and jewelry Air bag-driver side and object held Air bag-driver side and object in mouth Air bag compartment cover-driver side Air bag compartment cover-driver side and eyewear Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and jewelry Air bag compartment cover-driver side and object held Air bag compartment cover-driver side and object	(254) REAR (301) (302) (303) ADAP EQUIF (401) (402) (403) (405) (406)	console Parking brake handle Foot controls including parking brake Backlight (rear window) Backlight storage rack, door, etc. Other rear object (specify): TIVE (ASSISTIVE) DRIVING PMENT Hand controls for braking/acceleration Steering control devices (attached to OEM steering wheel) Steering knob attached to steering wheel Replacement steering wheel (i.e., reduced diameter) Joy stick steering controls	(513) (514) OTHER E (551) (598) (599) NONC (601) (602) (603)	Other exterior of other motor vehicle (specify): Unknown exterior of other motor vehicle R VEHICLE OR OBJECT IN NVIRONMENT Ground Other vehicle or object (specify): Unknown vehicle or object CONTACT INJURY Fire in vehicle Flying glass Other noncontact injury source (specify): Air bag exhaust gases
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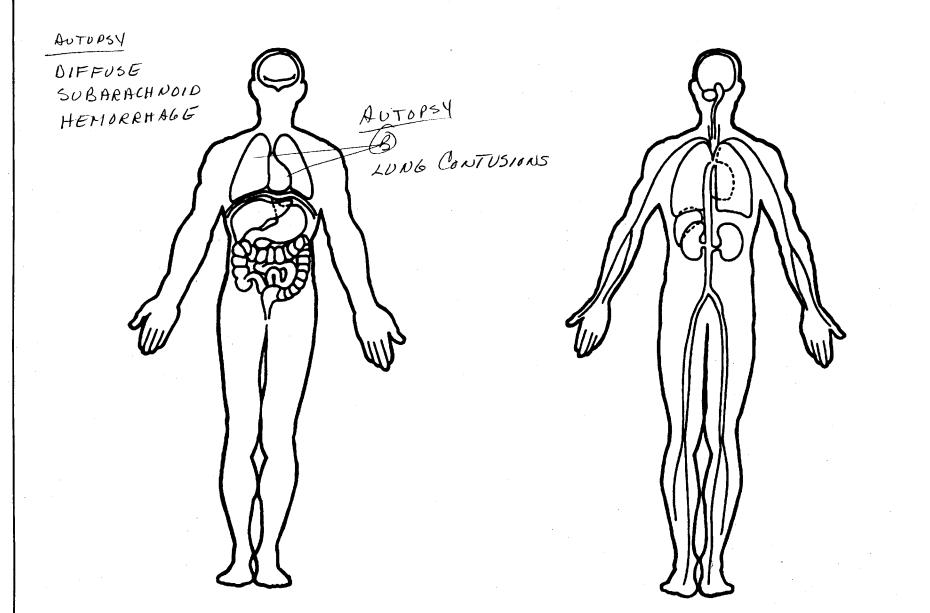
OFFICIAL INJURY DATA - SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



	OFFICIAL INJURY DATA — SKELETAL INJURIES
Restrained? No JR Yes	Indicate the Leastine Specific Anatomic Structure Detail (sine death foreture turns hand injury eliminal sines and powellosinal deficite), and
Blood Alcohol Level (mg/dl) BAL = # Glasgow Coma Scale Score GCSS = # D look Units of Blood Given Units = # Arterial Blood Gases pH = # PO ₂ = # PCO ₂ # HCO ₃	ROPER RAM BOD MAXILLA FX AND DISLOCATED LOTTIFIED LUTITUM THE CRESCENT SHAPED FX EFFENDS TO THE SHENDS TO THE SHENDS TO THE CONTROLL REGION ON THE CONTROLL REGION ON THE CONTROLL REGION ON THE CONTROLL REGION ON THE CONTROLL REGION OF THE CONTROL REGION OF THE CONTROLL REGIO

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U.S. Department of Transportation

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM National Highway Traffic Safety Administration

. 7	OCCUPANT'S SEATING
1. Primary Sampling Unit Number	10. Occupant's Seat Position / 3
2. Case Number - Stratum / 4 A	10. Occupant's Seat Position Front Seat
3. Vehicle Number	(11) Left side
A 1	(12) Middle
4. Occupant Number	(13) Right side
	(14) Other (specify):(15) On or in the lap of another occupant
OCCUPANT'S CHARACTERISTICS	(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify): (45) On or in the lap of another occupant
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknowninches X 2.54 =centimeters	(97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknownpounds X .4536 =kilograms 9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

EJEC	TION/EN	NTRAPMENT
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	<u>Ø</u>	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown		(0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or disoriented (2) Removed from vehicle due to injuries
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown		(3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown

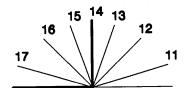
	BELT SYSTEM	/ FUNCTION
	Manual (Active) Belt System Availability (0) None available (1) Belt removed/destroyed (2) Shoulder belt	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt Adjustable shoulder Belt Upper Anchorage
	(3) Lap belt (4) Lap and shoulder belt (5) Belt available—type unknown	(2) In full up position (3) In mid position (4) In full down position
	Integral Belt Partially Destroyed (6) Shoulder belt (lap belt destroyed/removed) (7) Lap belt (shoulder belt destroyed/removed) (8) Other belt (specify):	(5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment
	(9) Unknown	23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available
19.	Manual (Active) Belt System Use (00) None used, not available, or belt removed/destroyed	(1) 2 point automatic belts(2) 3 point automatic belts(3) Automatic belts - type unknown
	(O1) Inoperative (specify): (O2) Shoulder belt	Non-functional (4) Automatic belts destroyed or rendered inoperative (6) Makesawa
	(03) Lap belt (04) Lap and shoulder belt (05) Belt used—type unknown (08) Other belt used (specify):	(9) Unknown 24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use
	 (12) Shoulder belt used with child safety seat (13) Lap belt used with child safety seat (14) Lap and shoulder belt used with child safety seat 	(2) Automatic belt in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown
	(15) Belt used with child safety seat—type unknown (18) Other belt used with child safety seat (specify):	(9) Unknown 25. Automatic (Passive) Belt System Type
20.	(99) Unknown if belt used Proper Use of Manual (Active) Belts (0) None used or not available	(0) Not equipped/not available (1) Non-motorized system (2) Motorized system (9) Unknown
	(1) Belt used properly (2) Belt used properly with child safety seat	26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used
	Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat	(1) Automatic belt used properly (2) Automatic belt used properly with child safety seat
	 (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): 	Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person
	(8) Other improper use of manual belt system (specify):	(6) Lap portion of automatic belt worn on abdomen
	(9) Unknown	(7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify):
21.	Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s)	(8) Other improper use of automatic belt system (specify): (9) Unknown
	 (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): 	27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate
	(6) Broken retractor(7) Combination of above (specify):	(4) Upper anchorage separated (5) Other anchorage separated (specify):
	(8) Other manual belt failure (specify): (9) Unknown	(6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):
		(9) Unknown

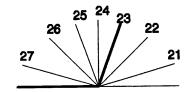
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed	31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event
(3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown 32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant
Check the Primary Source Used In Determining Belt Use. [] Not equipped/not available/destroyed or rendered inoperative [X] Vehicle inspection [] Official injury data [] Driver/occupant interview [] Other (specify): [] Unknown if belt used	Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	 33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

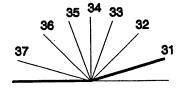
	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION						
35.	Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of Delta V For Air Bag Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown					
	Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	 41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed (9) Unknown 					
37.	Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown	42. Were Air Bag Module Cover Flap(s) Damaged? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed					
38.	Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn					
39.	CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown					

	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HEAD RESTRAINT AND SEAT EVALUATIO	N
44.	Source of Air Bag Damage (00) Not equipped/not available (01) Not damaged (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns	49. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify):	
	(07) Rescue or emergency efforts (88) Other damage source (specify):	(9) Unknown 50. Seat Type (this Occupant Position)	9
45.	(95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps):	(00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back (03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s) (06) Split bench with separate back cushions (07) Split bench with folding back(s) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., van type) (10) Other seat type (specify):	•
46	(3) Deployed, unknown if tethered (7) Not deployed (8) Unknown if deployed (9) Unknown	(99) Unknown 51. Seat Orientation (this Occupant Position) (0) Occupant not seated or no seat (1) Forward facing seat	1
40.	Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports):	 (2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify): 	
	(3) Deployed, unknown if vent ports present(7) Not deployed(8) Unknown if deployed(9) Unknown	(9) Unknown 52. Seat Track Adjusted Position Prior To Impact (0) Occupant not seated or no seat (1) Non-adjustable seat track	4
47.	Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed	Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle trace positions (4) Seat at middle track position (5) Seat between middle and rear most track positions (6) Seat at rear most track position	:k
	(8) Unknown if deployed (9) Unknown	(9) Unknown	
48.	Was This Occupant Wearing Eye-wear? (0) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed (9) Unknown		

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
54	. Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment	
	intrusion, (specify):	
	(7) Combination of above (specify):	
	(8) Other (specify):(9) Unknown	







CHILD SAFETY SEAT 55. Child Safety Seat Make/Model (000) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify): (998) Unknown make/model (999) Unknown if child safety seat used 56. Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used 57. Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify): (29) Unknown orientation (99) Unknown if child safety seat used

- 58. Child Safety Seat Harness Usage
- 59. Child Safety Seat Shield Usage

00

60. Child Safety Seat Tether Usage

00

Note: Options below applicable to Variables OA58-OA60. (00) No child safety seat

Not Designed With Harness/Shield/Tether

- (01) After market harness/shield/tether added, not used
- (O2) After market harness/shield/tether used
- (03) Child safety seat used, but no after market harness/shield/tether added
- (09) Unknown if harness/shield/tether added or used

Designed With Harness/Shield/Tether

- (11) Harness/shield/tether not used
- (12) Harness/shield/tether used
- (19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether

- (21) Harness/shield/tether not used
- (22) Harness/shield/tether used
- (29) Unknown if harness/shield/tether used
- (99) Unknown if child safety seat used

INJURY CONSEQUENCES	
61. Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown	63. Type Of Medical Facility (for Initial Treatment) 2 (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):
62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify): Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify): (8) Transported to a medical facility-unknown if treated (9) Unknown	64. Hospital Stay (00) Not Hospitalized Code the number of days (up through 60) that the occupant stayed in hospital. (61) 61 days or more (99) Unknown 65. Working Days Lost Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown
STOP WO	ORK HERE

VARIABLES 66-74

INJURY CONSEQUENCES	TRAUMA DATA
Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67. 1st Medically Reported Cause of Death	72. Was the Occupant Given Blood? (1) No - blood not given
68. 2nd Medically Reported Cause of Death	(2) Yes - blood given (specify units): (9) Unknown if blood given
69. 3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
(97) Other result (includes fatal ruled disease) (specify):	BELT USE DETERMINATION
70. Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

National Highway Traffic Safety Administration

1. Primary Sampling Unit Number

3. Vehicle Number

01

2. Case Number - Stratum

4. Occupant Number

02

INJURY DATA-

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

:					A.I.S	90				Injury		Occupant
		Source of Injury Data	Body Region	Type of Anatomic Structure	Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Source Confidence Level	Direct/ Indirect Injury	Area Intrusion Number
skull		5. <u>2</u>	6. <u>/</u>	7.5	8. <u>02</u>	9. <u>IV</u>	10. 3	11. 8 12.	015	13. 💆 1	4	15.02
	Aubo 2nd	18. <u>3</u>	ich he	18. / 1	e. <u>06</u>	20. 84	21. <u>3</u>	22. 2 23.	015	- 24. <u>3</u> :	5. <u>L</u>	25. <u>0 Z</u>
	Close	27.3	28. <u>L</u>	j 29. <u>6</u> 3	o. <u>06</u>	31. <u>0 6</u>	32. <u>2</u>	33. 🔁 34.	015	੍ਰਿ _{35.} <u>ਤ</u> ਤ	s6. <u>/</u>	37. <u>0 2</u>
nost	الكال					42. <u>04</u>						1.00
marte						53. 10						
forele	od Co	60.3	61. 2	62 . <u>9</u> 6	3. <u>04</u>	64. <u>0</u> 2	65	68. 7 67.	015	€	59. /	70.02
						75. <u>02</u>						
_	l r					86. <u>04</u>						
(1) Una	Dy 9th	93. 2	94. 7	95. <u>5</u> 9	6. <u>3</u> Z	97. <u>02</u>	982	99. <u>2</u> 100.	011	101. 3	02. / 1	03
chest	abr 10th	104. 3	105. 4 1	06. <u>9</u> 10	7. <u>02</u>	108. 02	109. /	110. <u>A</u> 111.	004	112. 3 11	3 1	14. <u>03</u>
								transition (i.e.) Transition				

					occi	JPANT I	NJURY	DATA				
		Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
chest	i i tin	3	4	9	04	02		<u> </u>	004	<u>3</u>	<u>/</u>	03
obdo	Med a 12th	br 3	5	9	02	02	<u></u>	7	004	3	1	<u>03</u>
abdo	me Lot C 13th	ort	5	9	04	02		<u>Z</u>	004	<u>3</u>	1	03
	Alovnu 14th	ich t	ionse 5	4 4	44	26	<u>4</u>	2	004	<u>3</u>	7	<u>03</u>
	duan 15th	dorun 2	e tran	section 4	10	<u>28</u>	<u>5</u>	Z	004	_3		03
	fa u 16th	2	5	iean 4	28	<u>3</u> 2	5	_7	004	3		<u>03</u>
	Asper 17th	eon 2	5	<u>4</u>	18	10	2	_	004	<u>3</u>	<u>Z</u>	<u>03</u>
	18th							* ₁				
	19th	**********								:		 -
	20th											
	21st		*******				·	••••••••••••••••••••••••••••••••••••••		******		
	22nd					· ·		,		***************************************		·
	23rd							 -				
	24th										 ·	
	25th								· · · · · · · · · · · · · · · · · · ·			

DIRECT/INDIRECT INJURY

OCCUPANT INJURY CLASSIFICATION Specific Anatomic Level of Injury Aspect **Body Region** Structure Right Specific injuries are (1) Head assigned consecutive (2)Left Face (2)two-digit numbers **Bilateral** Vessels, Nerves, Organs. (3)(3) Neck Bones, Joints are assigned (4)Central beginning with 02. (4)Thorax Anterior consecutive two digit (5)(5) Abdomen (6)**Posterior** To the extent possible, Spine numbers beginning with (6)within the organizational Superior (7)(7)Upper Extremity 02. framework of the AIS, 00 (8) Inferior Lower Extremity (8) Unspecified The exceptions to this rule is assigned to an injury (9) Unknown (9) NFS as to severity or (0) Whole region apply to: where only one injury is Whole Area (02) Skin - Abrasion Type of Anatomic given in the dictionary for that anatomic structure. Structure (04) Skin - Contusion 99 is assigned to any Whole Area (06) Skin - Laceration injury NFS as to lesion or (1) (2)Vessels (80) Skin - Avulsion severity. **Amputation** (3) Nerves (10)**Abbreviated Injury Scale** Organs (includes (20) Burn (4)Muscles/ligaments) (30) Crush Skeletal (includes (40) Degloving Minor Injury (1)(5) (50) Injury - NFS ioints) (2) Moderate Injury Head - LOC (6) (90) Trauma, other than (3)Serious Injury Skin mechanical (4) Severe Injury (9) Critical Injury (5) Head - LOC (6)Maximum (02) Length of LOC (untreatable) Injured, unknown (7) (04) Level severity (06) of (08) Consciousness (10) Concussion <u>Spine</u> Cervical (02)Thoracic (04)(06) Lumbar

	CONFIDENCE LEVEL	·
OFFICIAL RECORDS (1) Autopsy records with or without hospital/medical records	(1) Certain (2) Probable (3) Possible	(1) Direct contact injury (2) Indirect contact injury (3) Noncontact injury
(2) Hospital/medical records other than emergency room (e.g., discharge summary)		(7) Injured, unknown source
(a.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports)		
(4) Private physician, walk-in or emergency clinic		
 UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify):		
(9) Police		

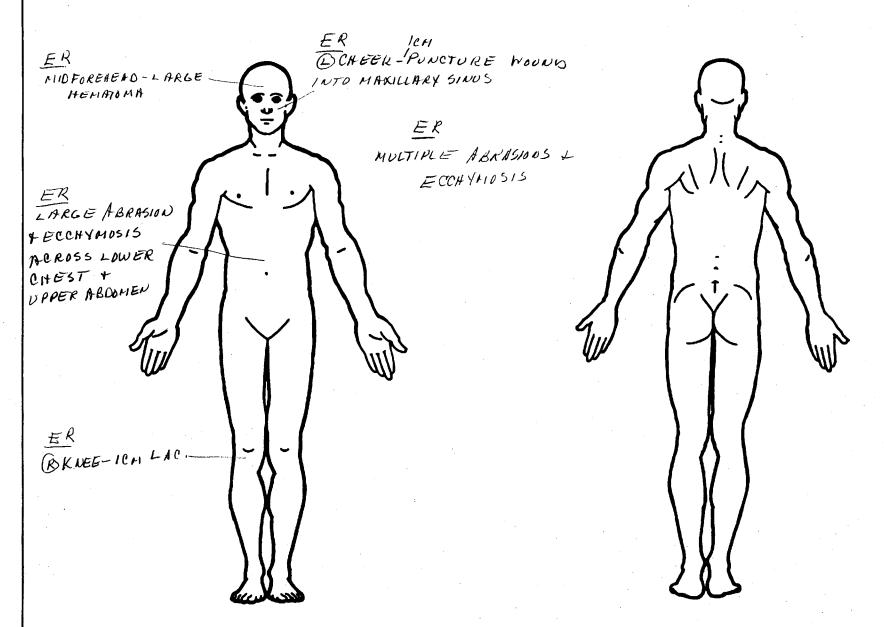
INJURY SOURCE

SOURCE OF INJURY DATA

FRON	ıτ	(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wali mounted head rest
(001)	Windshield		armrest		object held	,	(used behind wheel chair)
(002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
(003)	Sunvisor	(104)	Right B-pillar		object in mouth	, , ,,	(specify):
(004)	Steering wheel rim	(105)	Other right piller (specify):	(185)	Air bag compartment		
(005)	Steering wheel hub/spoke				cover-passenger side		
(006)	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTE	RIOR of OCCUPANT'S
	of codes 004 and 005)	(107)	Right side window frame		cover-passenger side and	VEHIC	CLE
(007)	Steering column,	(108)	Right side window sill		eyewear	(451)	Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and		outside mirror, antenna)
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
(011)	Center instrument panel and				object in mouth	EXTE	RIOR OF OTHER MOTOR
104.5	below	INTER		(190)	Other air bag (specify)	VEHIC	CLE
(012)	Right instrument panel and		Seat, back support			(501)	Front bumper
1010	below	(152)	Belt restraint	(195)	Other air bag compartment	(502)	Hood edge
	Glove compartment door		webbing/buckle		cover (specify)	(503)	Other front of vehicle
•	Knee bolster	(153)	Belt restraint B-pillar or door				(specify):
(015)	Windshield including one or	1484	frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF			Hood
	header, A (A1/A2)-pillar,		component (specify):		Front header		Hood ornament
	instrument panel, mirror, or steering assembly (driver	/1EE\	Unad special special		Rear header		Windshield, roof rail, A-pill
	side only)		Head restraint system		Roof left side rail		Side surface
(016)	Windshield including one or	(100)	Other occupants (specify):	(204)		(508)	
, ,	more of the following: front	(161)	Interior loose objects	(205)	Roof or convertible top	(509)	Other side protrusions
	header, A (A1/A2)-pillar,		Child safety seat (specify):	FI 001	· •		(specify):
	instrument panel, or mirror	(102)	Clind safety seat (specify):	FLOOI			
	(passenger side only)	(163)	Other interior object		Floor (including toe pan)		Rear surface
(017)	Windshield reinforced by	(100,	(specify):	(252)	Floor or console mounted		Undercarriage
	exterior object (specify)		(Specify).		transmission lever, including		Tires and wheels
				(252)	console Parking brake handle	(513)	Other exterior of other
(019)	Other front object (specify):	AIR B	AG		Foot controls including		motor vehicle (specify):
		(170)	Air bag-driver side	(204)	parking brake		
			Air bag-driver side and		parking blake	/E14\	Unknown exterior of other
LEFT S	SIDE		eyewear	REAR		(514)	motor vehicle
(051)	Left side interior surface,	(172)	Air bag-driver side and		Backlight (rear window)		motor vernicie
	excluding hardware or		jewelry		Backlight storage rack,	OTHE	R VEHICLE OR OBJECT IN
	armrests	(173)	Air bag-driver side and		door, etc.		NVIRONMENT
(052)	Left side hardware or		object held	(303)	Other rear object (specify):		Ground
	armrest	(174)	Air bag-driver side and	Í			Other vehicle or object
	Left A (A1/A2)-pillar		object in mouth			, 0,	(specify):
	Left B-pillar	(175)	Air bag compartment	ADAP	TIVE (ASSISTIVE) DRIVING		
055)	Other left pillar (specify):		cover-driver side	EQUIP		(599)	Unknown vehicle or object
		(176)	Air bag compartment	(401)	Hand controls for		
	Left side window glass		cover-driver side and		braking/acceleration	NONC	ONTACT INJURY
	Left side window frame		eyewear	(402)	Steering control devices		Fire in vehicle
	Left side window sill	(177)	Air bag compartment		(attached to OEM steering		Flying glass
	Left side window glass		cover-driver side and jewelry		wheel)		Other noncontact injury
	including one or more of the	(178)	Air bag compartment	(403)	Steering knob attached to		source
	following: frame, window		cover-driver side and object		steering wheel		(specify):
	sill, A (A1/A2)-pillar, B-pillar,		heid	(405)	Replacement steering wheel	(604)	Air bag exhaust gases
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)		Injured, unknown source
	Other left side object		cover-driver side and object	(406)	Joy stick steering controls		
	(specify):		in mouth		Wheelchair tie-downs		
			Air bag-passenger side	(408)	Modification to seat belts,		
		(181)	Air bag-passenger side and		(specify):		
IGHT			eyewear	(409)	Additional or relocated		
	Right side interior surface,	(182)	Air bag-passenger side and		switches, (specify):		
	•						
•	excluding hardware or		jewelry				

OFFICIAL INJURY DATA - SOFT TISSUE INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



Restrained?

___ Yes

Blood Alcohol Level (mg/di)

BAL = NR

Glasgow Coma Scale Score

GCSS = 14

Units of Blood Given

Units = NR

Arterial Blood Gases

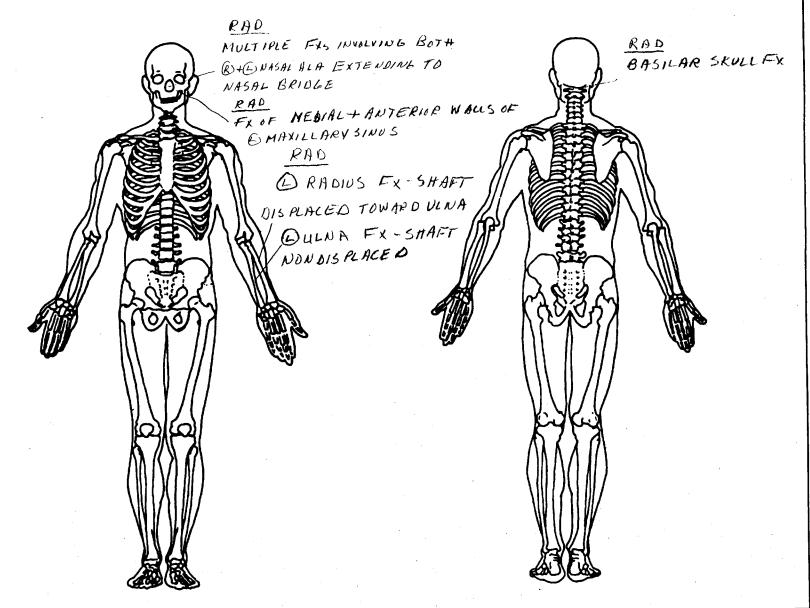
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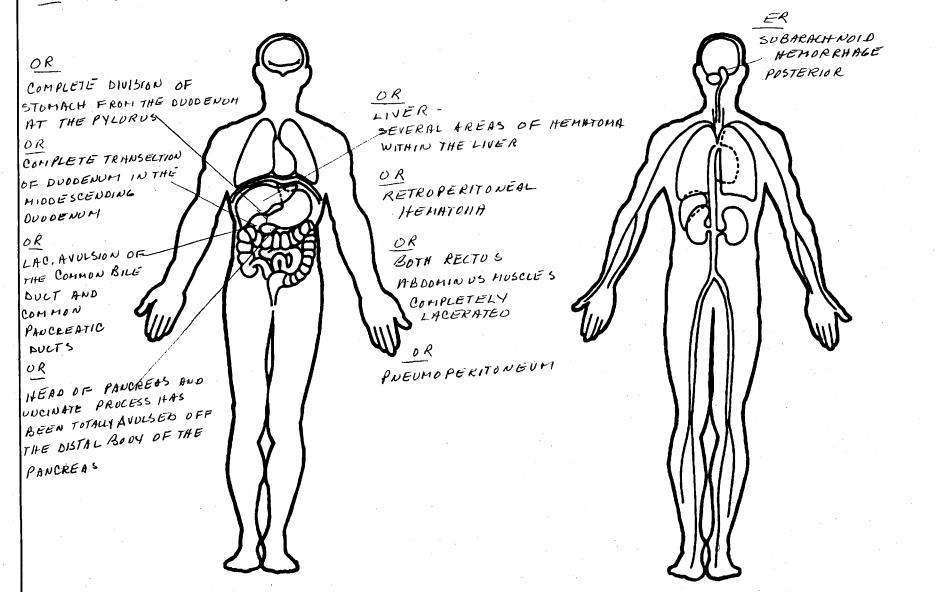
reported

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)



Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

ER - CLOSED HEAD INJURY; ELOCEMS FOUND HER CONSCIOUS 4 CRYING; SOMNOCENT BUT AROUSABLE INER





J.S. Department of Transportation

lational Highway Traffic Safety

UPDATE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM

dministration	UPDATE	- FURIVI	MATIO		ESS DATA SYSTEM
 Primary Sampling Unit Number Case Number — Stratum 	1994	Driver or	Occupant Name:		
3. Vehicle Number	0 1				
4. Occupant Number	02	Other Inf	formation:		
in and on great and a second of the second o			nitize this section prio	or to Update si	ubmission.)
S [*]	TATUS OF OCCUP	ANT INF	FORMATION		
	INITIAL UPDATED SUBMISSION INFORMATION		,	INITIAL SUBMISSION	UPDATED INFORMATION
OAL08. Date Official Medical Data Requested	95	OAL18.	Medical Facility Code	02	08
OAL09. Date Official Medical Data Obtained	195	GV14.	Alcohol Test Results For Driver	00	
OAL16. Injury Treatment Status	4	GV16.	Other Drug Specimen Test Type For Driver		
OAL17. Injury Information		OA05.	Occupant's Age	07	01
Official	D	OAUS.		~	
a. Autopsy (invasive examination)	<u>B</u>	OA06.	Occupant's Sex	_	<u>2</u>
 Post-ER medical record which includes information about death based on non-invasive 	<u>B</u>	OA07.	Occupant's Height	999	
examination		OAÖ8.	Occupant's Weight	999	
 Admission record/summary or admission/discharge face sheet 	<u>B</u>	OA61.	Treatment-Mortality	3	3
d. Discharge summary	<u>B</u>	OA62.	Type of Medical Facil	in 2	1
e. Operative report	<u>B</u>	OAUZ.	(for Initial Treatment)		
 f. Radiographic record(s) (X-ray, CT scan) 	В	OA63.	Hospital Stay	99	
 g. History and physical examination and/or consultation records 	В				
h. Emergency room records (includes nurses' notes)	<u>B</u>				
j. Private physician	<u>B</u>				
Unofficial					
k. Lay coroner	В				
I. EMS record	B				
m. Interviewee	<u>B</u>				
n. Other source (specify):	<u>B</u> B				
o. Police report	<u>B</u> <u>B</u>				



U.S. Department of Transportation

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM

National Highway Traffic Safety CRASHWORTHINESS DATA SYSTEM Administration **OCCUPANT'S SEATING** 1. Primary Sampling Unit Number 10. Occupant's Seat Position 2. Case Number - Stratum Front Seat (11) Left side 3. Vehicle Number (12) Middle (13) Right side 4. Occupant Number (14) Other (specify): (15) On or in the lap of another occupant OCCUPANT'S CHARACTERISTICS Second Seat 5. Occupant's Age (21) Left side Code actual age at time of accident. (22) Middle (00) Less than one year old (specify by month): (23) Right side (24) Other (specify): (97) 97 years and older (25) On or in the lap of another occupant (99) Unknown Third Seat (31) Left side (32) Middle 6. Occupant's Sex (33) Right side (1) Male (34) Other (specify): (2) Female-not reported pregnant (35) On or in the lap of another occupant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) Fourth Seat (5) Female-pregnant-3rd trimester(7th-9th month) (41) Left side (6) Female-pregnant-term unknown (42) Middle (9) Unknown (43) Right side (44) Other (specify):__ (45) On or in the lap of another occupant 7. Occupant's Height (97) In or on unenclosed area Code actual height to the nearest (98) Other seat (specify): centimeter. (99) Unknown (999) Unknown inches X 2.54 = ___ centimeters 11. Occupant's Posture 8. Occupant's Weight (0) Normal posture Code actual weight to the nearest kilogram. Abnormal posture (1) Kneeling or standing on seat (999)Unknown (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat pounds X .4536 = kilograms (4) Sitting sideways or turned to talk with another occupant or to look out a rear window 9. Occupant's Role (5) Sitting on a console (1) Driver (6) Lying back in a reclined seat position (2) Passenger (7) Bracing with feet or hands on a surface in front (9) Unknown (8) Other abnormal posture (specify): (9) Unknown

reational Accident Sampling System-Crashworth			rage 2
ENE	CTION/E	NTRAPMENT	
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	<u>B</u>	15. Medium Status (Immediately Prior To Impact (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown	1 <u>8</u>
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	6	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restraine (2) Could not exit vehicle due to jammed doc fire, etc. (specify):	
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify):	B	(2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	

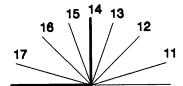
	BELT SYSTEN	
18. Ma	illual (Active) Doit Oyotom, managem,	22. Shoulder Belt Upper Anchorage Adjustment
(O) (1)	None available	(0) No shoulder belt(1) No upper anchorage adjustment for shoulder belt
(2)	Shoulder belt Lap belt	Adjustable shoulder Belt Upper Anchorage
(4)	I an and shoulder belt	(2) In full up position (3) In mid position
(5)	i e	(4) In full down position (5) Position unknown
<i>Int</i> (6)	regral Belt Partially Destroyed Shoulder belt (lap belt destroyed/removed)	(9) Unknown if position has adjustable upper
(7)		anchorage adjustment
(9)		23. Automatic (Passive) Belt System Availability/ Function (A) New Agreement (Not available)
, ,		(0) Not equipped/not available (1) 2 point automatic belts
19. Mi (0)	anual (Active) Belt System Use O) None used, not available, or belt	(2) 3 point automatic belts(3) Automatic belts - type unknown
(0	removed/destroyed 1) Inoperative (specify):	Non-functional
(0:	2) Shoulder belt	(4) Automatic belts destroyed or rendered inoperative
(0:	3) Lap belt 4) Lap and shoulder belt	(9) Unknown
(0)	5) Belt used—type unknown 8) Other belt used (specify):	24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or
		rendered inoperative (1) Automatic belt in use
(1)	Shoulder belt used with child safety seat Lap belt used with child safety seat	(2) Automatic belt not in use (manually disconnected, motorized track inoperative)
(1-	4) Lap and shoulder belt used with child safety seat	(specify):(3) Automatic belt use unknown
(1	5) Belt used with child safety seat—type unknown 8) Other belt used with child safety seat	(9) Unknown
	(specify): 9) Unknown if belt used	25. Automatic (Passive) Belt System Type (0) Not equipped/not available
		(1) Non-motorized system (2) Motorized system
(0	oper Use of Manual (Active) Belts None used or not available	(9) Unknown
(1 (2) Belt used properly) Belt used properly with child safety seat	26. Proper Use of Automatic (Passive) Belt System
Re	elt Used Improperly	(0) Not equipped/not available/not used (1) Automatic belt used properly
(3	Shoulder belt worn under arm Shoulder belt worn behind back or seat	(2) Automatic belt used properly with child safety seat
(5) Belt worn around more than one person	Automatic Belt Used Improperly
(6 (7) Lap belt or lap and shoulder belt used	(3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back
	improperly with child safety seat (specify):	(5) Automatic belt worn around more than one person
(8	 Other improper use of manual belt system (specify): 	(6) Lap portion of automatic belt worn on abdomen
10)) Unknown	(7) Automatic lap and shoulder belt or automatic shoulder belt used improperly
•	Ianual (Active) Belt Failure Modes	with child safety seat (specify):
D	uring Accident	(8) Other improper use of automatic belt system (specify):
i1	No manual belt used or not available No manual belt failure(s)	(9) Unknown
(2	Torn webbing (stretched webbing not included)	27. Automatic (Passive) Belt Failure Modes
14	Broken buckle or latchplate Upper anchorage separated	During Accident (0) Not equipped/not available/not in use
(5	Other anchorage separated (specify):	(1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included)
(6	Broken retractor	(3) Broken buckle or latchplate (4) Upper anchorage separated
	7) Combination of above (specify):	(5) Other anchorage separated (specify):
	3) Other manual belt failure (specify):	(6) Broken retractor (7) Combination of above (specify):
(\$	9) Unknown	(8) Other automatic belt failure (specify):
		(9) Unknown

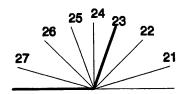
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	 31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Not equipped/not available/destroyed or rendered inoperative [X] Vehicle inspection [] Official injury data [] Driver/occupant interview [] Other (specify): [] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown 34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

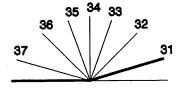
	FIRST SEAT FRONTAL AIR E	AG S	SYSTEM EVALUATION
35.	Had Vehicle Been in Previous Accident(s)?	40. I	Longitudinal Component of + OOO
	(0) Not equipped/not available (1) No previous accidents		Deployment Impact
	(1) No previous accidents	((_000) Not equipped/not available
	Yes		Code the value of the delta V for the
	(2) Previous accident(s) without deployment(s)		impact that initiated the air bag
	(3) One previous accident with deployment		deployment (996) Deployment, unknown longitudinal
	(4) More than one previous accident with at least	,	(_996) Deployment, unknown longitudinal Delta V
	one deployment (8) Previous accidents, unknown deployment		(997) Not deployed
	status		(998) Unknown if deployed
	(9) Unknown		(_999) Unknown
			or and a second of
36.	Type of Air Bag		Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?
	(O) Not equipped/not available		(0) Not equipped/not available
	(1) Original manufacturer installed system		(1) No
	(2) Retrofitted air bag	1	(2) Yes
	(3) Replacement air bag		(3) Deployed, unknown if flap(s) opened at
	(8) Unknown type of air bag (9) Unknown		designated tear points
	(3) Olikilowii		(7) Not deployed
	•		(8) Unknown if deployed (9) Unknown
37.	Had Any Prior Maintenance/Service		(9) Unknown
	Been Performed On This Air Bag System?	1	· · · · · · · · · · · · · · · · · · ·
	(0) Not equipped/not available	42.	Were Air Bag Module Cover Flap(s) Damaged?
	(1) No prior maintenance		(0) Not equipped/not available (1) No
	(2) Yes, prior maintenance (specify):		(1) No (2) Yes (specify):
	(9) Unknown		(3) Deployed, unknown if air bag module cover
	,		flap(s) damaged
	es let		(7) Not deployed
38.	Air Bag Deployment Accident Event		(8) Unknown if deployed
	Sequence Number (00) Not equipped/not available		(9) Unknown
	Code the accident event sequence		$\alpha \alpha$
	number that initiated the air bag	43.	Was There Damage To The Air Bag?
	deployment		(00) Not equipped/not available
	(96) Deployed, unknown event		(O1) Not damaged
	(97) Not deployed		Yes - Air Bag Damage
	(98) Unknown if deployed (99) Unknown		(02) Ruptured
	(99) Olikilowii		(03) Cut
	Pho. of		(04) Torn
39.	CDC For Air Bag Deployment Impact		(05) Holed
	(O) Not equipped/not available		(06) Burned
·	(1) Highest delta V		(07) Abraded (88) Other damage (specify):
	(2) Second highest delta V (specify):		(00) Cition damage (opening).
	(3) Other non-coded delta V (specify):		(95) Damaged, details unknown
	(6) Deployed, unknown event		(96) Deployed, unknown if damaged
	(7) Not deployed	1	(97) Not deployed
l	(8) Unknown if deployed		(98) Unknown if deployed
	(9) Unknown		(99) Unknown
I		1	

	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HEAD RESTRAINT AND SEAT EVALUATION
44.	Source of Air Bag Damage (00) Not 'equipped/not available (01) Not damaged (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other damage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown	49. Head Restraint Type/Damage by Occupant at This Occupant Position (0) No head restraints (1) Integral—no damage (2) Integral—damaged during accident (3) Adjustable—no damage (4) Adjustable—damaged during accident (5) Add-on—no damage (6) Add-on—damaged during accident (8) Other (specify): (9) Unknown 50. Seat Type (this Occupant Position) (00) Occupant not seated or no seat (01) Bucket (02) Bucket with folding back (03) Bench (04) Bench with separate back cushions (05) Bench with folding back(s)
45.	Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (9) Nathanaya if deployed	(06) Split bench with separate back cushions (07) Split bench with folding back(s) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., van type) (10) Other seat type (specify): (99) Unknown 51. Seat Orientation (this Occupant Position)
46.	(8) Unknown if deployed (9) Unknown Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown if deployed (9) Unknown	(0) Occupant not seated or no seat (1) Forward facing seat (2) Rear facing seat (3) Side facing seat (inward) (4) Side facing seat (outward) (8) Other (specify): (9) Unknown 52. Seat Track Adjusted Position Prior To Impact (0) Occupant not seated or no seat
47.	. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown	 (1) Non-adjustable seat track Adjustable Seat Track (2) Seat at forward most track position (3) Seat between forward most and middle track positions (4) Seat at middle track position (5) Seat between middle and rear most track positions (6) Seat at rear most track position (9) Unknown
48	. Was This Occupant Wearing Eye-wear? (0) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed (9) Unknown	

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	 Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position 	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
54	Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment	
	intrusion, (specify):	
	(7) Combination of above (specify):	
	(8) Other (specify):	
l	for andiomin	







CHILD SAFETY SEAT 55. Child Safety Seat Make/Model (000) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify): (998) Unknown make/model (999) Unknown if child safety seat used 56. Type of Child Safety Seat (O) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used 57. Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify): (29) Unknown orientation (99) Unknown if child safety seat used

- 58. Child Safety Seat Harness Usage
- 59. Child Safety Seat Shield Usage

60. Child Safety Seat Tether Usage

Note: Options below applicable to Variables OA58-OA60. (00) No child safety seat

Not Designed With Harness/Shield/Tether

- (01) After market harness/shield/tether added, not used
- (02) After market harness/shield/tether used
- (03) Child safety seat used, but no after market harness/shield/tether added
- (09) Unknown if harness/shield/tether added or used

Designed With Harness/Shield/Tether

- (11) Harness/shield/tether not used
- (12) Harness/shield/tether used
- (19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether

- (21) Harness/shield/tether not used
- (22) Harness/shield/tether used
- (29) Unknown if harness/shield/tether used
- (99) Unknown if child safety seat used

INJURY CONSEQUENCES	
61. Injury Severity (Police Rating)	63. Type Of Medical Facility (for Initial Treatment)
 (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown (6) Died prior to accident (9) Unknown 	(0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):
62. Treatment - Mortality (0) No treatment (1) Fatal (2) Fatal - ruled disease (specify):	64. Hospital Stay (00) Not Hospitalized Code the number of days (up through 60) that the occupant stayed in hospital. (61) 61 days or more (99) Unknown
Nonfatal (3) Hospitalization (4) Transported and released (5) Treatment at scene - nontransported (6) Treatment later (7) Treatment - other (specify): (8) Transported to a medical facility-unknown if treated (9) Unknown	65. Working Days Lost Code the number of days (up through 60) that the occupant lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown

STOP WORK HERE

VARIABLES 66-74

TO BE CODED BY THE ZONE CENTER

TO BE CODED BY THE ZONE CENTER

INJURY CONSEQUENCES	TRAUMA DATA
Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67. 1st Medically Reported Cause of Death 68. 2nd Medically Reported Cause of Death 69. 3rd Medically Reported Cause of Death	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given
Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
(97) Other result (includes fatal ruled disease) (specify):	BELT USE DETERMINATION
70. Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Primary Sampling Unit Number	_/3	3. Vehicle Number	_01_
2. Case Number - Stratum	149A	4. Occupant Number	_03_

INJURY DATA

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

	Source of Injury Data	Body Region	Type of Anatomic Structure	_	90 Level of Injury	A.I.S. Severity	Aspec	Injury t Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
eder 1st	s. <u>2</u>	6	7. <u>4</u>	8. <u>16</u>	9. <u>7 D</u>	10.3	112	12. 151	13. <u>2</u>	14. <u>/</u>	15. 60_
Class 2nd	ed He 18.2	od Ir 17. I	8 18. <u>6</u>	19. <u>04</u>	20. 10	21. 2	22.	23. 15	242 ;	25. <u>/</u> :	26. <u> </u>
abr 3rd	27. <u>2</u>	28. 2	29 . <u>9</u> :	30. <u>02</u>	31. <u>0</u> <u>2</u>	32. /	33. <u>2</u>	34. <u>J 5 /</u>	35. <u>2</u> :	36. <u>/</u>	37. <u>60</u>
nu) Co 4th	J 38. 3	39. <u>2</u>	40. <u> </u>	41. 04	42. <u>0</u> 2	43. /	44. 7	45. <u>[] 5]</u>	46. <u>2</u>	47. <u>/</u>	48.60_
cont 5th	49.3	50. <u>Z</u>	61. <u>9</u>	52. <u>74</u>	53. <u>02</u>	54./_	55.2	56. <u>/ 5 /</u>	57. <u>2</u>	58. <u>/</u>	59.60
6th	60	61	62	63	64	65	66	67	68	69	70
7th	71	72	73	74	75	76	77	78	79	80	81
8th	82	83	84 :	85	86	87	88	89	90	91	92
9th	93	94	95	96	97	98	99	100	101 1	02 1	03
10th	104	105 1	06 1	07	108	109	110	11.3	1121	13. 1	14

HS Form 433B (1/95)

This report is authorized by P.L. 89-563, Title 1, Section 106, 108, and 112. While you are not required to respond, your cooperation is needed to make the results of this data collection effort comprehensive, accurate, and timely.

				occi	JPANT"I	NJURY	DATA				
	Source of Injury Data	Body Region	Type of Anatomic Structure	A.I.S 90 Specific Anatomic Structure		A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
	·	riegion	311401416		,,		A LONG LANG			sum in any	
11th	 .	<u>.</u>	·								
12th											
13th											
14th											
15th	- - - - -										turia e
16th											
17th											
18th		 .				et jake 1970 – Sener 1980 – Sener					
19th		*********						******			
20th						<u> </u>		***************************************			
21st			***************************************			·					
22nd		-									
23rd			·								
24th											
25th										eric	

DIRECT/INDIRECT INJURY

(04) Thoracic (06) Lumbar

SOURCE OF INJURY DATA

OCCUPANT INJURY CLASSIFICATION Aspect Level of Injury Specific Anatomic **Body Region** Structure Specific injuries are Right Head (1)Left assigned consecutive (2) (2)Face two-digit numbers (3) Bilateral (3) Vessels, Nerves, Organs. Neck (4) Central beginning with 02. Bones, Joints are assigned (4)Thorax (5) Anterior consecutive two digit (5) Abdomen **Posterior** numbers beginning with To the extent possible, (6)Spine (6)**Upper Extremity** 02. within the organizational (7)Superior (7)(8) Inferior framework of the AIS, 00 (8) **Lower Extremity** (9)Unknown is assigned to an injury Unspecified The exceptions to this rule (9) NFS as to severity or (0) Whole region apply to: where only one injury is given in the dictionary for Type of Anatomic Whole Area (02) Skin - Abrasion Structure that anatomic structure. (04) Skin - Contusion 99 is assigned to any injury NFS as to lesion or Whole Area (06) Skin - Laceration (1) (08) Skin - Avulsion severity. Vessels (2) (10) Amputation (3) Nerves Organs (includes (20) Burn **Abbreviated Injury Scale** (4) (30) Crush Muscles/ligaments) Minor Injury (5) Skeletal (includes (40) Degloving (1) (50) Injury - NFS Moderate Injury joints) (2) Head - LOC (90) Trauma, other than (3) Serious Injury (6) (9) Skin mechanical (4) Severe Injury Critical Injury (5) Head - LOC (6) Maximum (untreatable) (02) Length of LOC (7)Injured, unknown (04) Level severity (06) of (08) Consciousness (10) Concussion <u>Spine</u> Cervical (02)

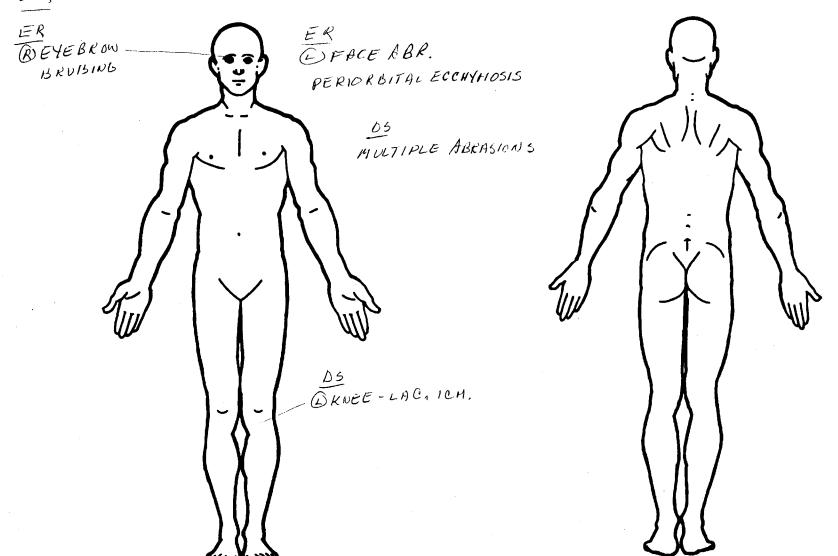
SOUNCE OF INSURT DATA	INSURT SOURCE	DIRECT/INDIRECT INSORT
	CONFIDENCE LEVEL	
OFFICIAL RECORDS (1) Autopsy records with or without hospital/medical records (2) Hospital/medical records other than emergency room (e.g., discharge summary) (3) Emergency room records only (including associated X-rays or other lab reports) (4) Private physician, walk-in or emergency clinic	•	(1) Direct contact injury (2) Indirect contact injury (3) Noncontact injury (7) Injured, unknown source
UNOFFICIAL RECORDS (5) Lay coroner report (6) E.M.S. personnel (7) Interviewee (8) Other source (specify): (9) Police		

INJURY SOURCE

			INJURY S	SOUR	CES		
FRONT		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
	Windshield		armrest		object held		(used behind wheel chair)
(002)		(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
	Sunvisor		Right B-pillar		object in mouth		(specify):
	Steering wheel rim		Other right pillar (specify):	(185)	Air bag compartment		
	Steering wheel hub/spoke				cover-passenger side		•
	Steering wheel (combination	(106)	Right side window glass	. (186).	Air bag compartment	EXTER	RIOR of OCCUPANT'S
	of codes 004 and 005)		Right side window frame		cover-passenger side and	VEHIC	ELE
(007)	Steering column,	(108)	Right side window sill		eyewear	(451)	Hood
	transmission selector lever,	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment		including one or more of the		cover-passenger side and		outside mirror, antenna)
(800)	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment		tires (specify):
(009)	Add on equipment (e.g.,		or roof side rail.		cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		<u> </u>
(010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
(011)	Center instrument panel and				object in mouth	EXTER	RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	CLE
(012)	Right instrument panel and	(151)	Seat, back support			(501)	Front bumper
	below	(152)	Belt restraint	(195)	Other air bag compartment	(502)	Hood edge
(013)	Glove compartment door		webbing/buckle		cover (specify)	(503)	Other front of vehicle
(014)	Knee bolster	(153)	Belt restraint B-pillar or door		 		(specify):
(015)	Windshield including one or		frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,		component (specify):	(201)	Front header	(505)	Hood ornament
	instrument panel, mirror, or			(202)	Rear header	(506)	Windshield, roof rail, A-pillar
	steering assembly (driver	(155)	Head restraint system	(203)	Roof left side rail	(507)	Side surface
	side only)	(160)	Other occupants (specify):	(204)	Roof right side rail	(508)	Side mirrors
(016)	Windshield including one or			(205)	Roof or convertible top	(509)	Other side protrusions
	more of the following: front	(161)	Interior loose objects				(specify):
	header, A (A1/A2)-pillar,	(162)	Child safety seat (specify):	FLOO	R		
	instrument panel, or mirror		<u></u>	(251)	Floor (including toe pan)	(510)	Rear surface
	(passenger side only)	(163)	Other interior object	(252)	Floor or console mounted	(511)	Undercarriage
(017)	Windshield reinforced by		(specify):		transmission lever, including	(512)	Tires and wheels
	exterior object (specify)				console	(513)	Other exterior of other
	·			(253)	Parking brake handle		motor vehicle (specify):
(019)	Other front object (specify):	AIR B	AG	(254)	Foot controls including		
		(170)	Air bag-driver side		parking brake		
		(171)	Air bag-driver side and			(5,14)	Unknown exterior of other
LEFT S	SIDE		eyewear	REAR			motor vehicle
(051)	Left side interior surface,	(172)	Air bag-driver side and	(301)	Backlight (rear window)		
	excluding hardware or		je welry	(302)	Backlight storage rack,	OTHE	R VEHICLE OR OBJECT IN
	armrests	(173)	Air bag-driver side and		door, etc.	THE I	ENVIRONMENT
(052)	Left side hardware or		object held	(303)	Other rear object (specify):	(551)	Ground
	armrest	(174)	Air bag-driver side and			(598)	Other vehicle or object
(053)	Left A (A1/A2)-pillar		object in mouth				(specify):
	Left B-pillar	(175)	Air bag compartment	ADAF	PTIVE (ASSISTIVE) DRIVING		,
(055)	Other left pillar (specify):		cover-driver side	EQUII	PMENT	(599)	Unknown vehicle or object
		(176)	Air bag compartment	(401)	Hand controls for		
(056)	Left side window glass		cover-driver side and		braking/acceleration	NON	CONTACT INJURY
	Left side window frame		eyewear	(402)	Steering control devices	(601)	Fire in vehicle
(058)	Left side window sill	(177)	Air bag compartment		(attached to OEM steering	(602)	Flying glass
(059)	Left side window glass		cover-driver side and jewelry		wheel)	(603)	Other noncontact injury
	including one or more of the	(178)	Air bag compartment	(403)	Steering knob attached to		source
	following: frame, window		cover-driver side and object		steering wheel		(specify):
	sill, A (A1/A2)-pillar, B-pillar,		held	(405)	Replacement steering wheel	(604)	Air bag exhaust gases
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)	(697)	Injured, unknown source
(060)	Other left side object		cover-driver side and object	(406)	Joy stick steering controls		
	(specify):		in mouth		Wheelchair tie-downs		
		(180)	Air bag-passenger side		Modification to seat belts,		
			Air bag-passenger side and		(specify):		
RIGHT	SIDE		eyewear	(409)	Additional or relocated		
		(182)	Air bag-passenger side and	,	switches, (specify):		•
(101)	Right side interior surrace.						
(101)	Right side interior surface, excluding hardware or	(102)	jewelry				

•

ER : CLOSED HEAD INJURY; CANNOT REMEMBER WHAT HAPPENED



OFFICIAL INJURY DATA — SKELETAL INJURIES

Restrained?

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Blood Alcohol Level (mg/dl)

BAL = UR

Glasgow Coma Scale Score

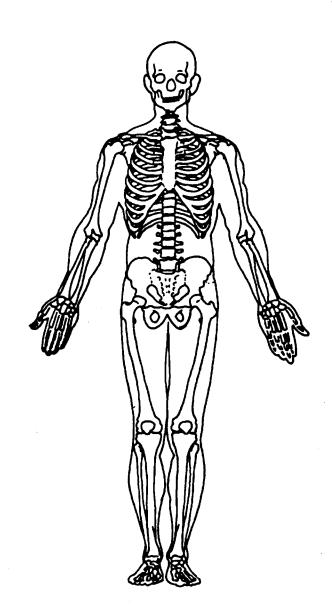
Units of Blood Given

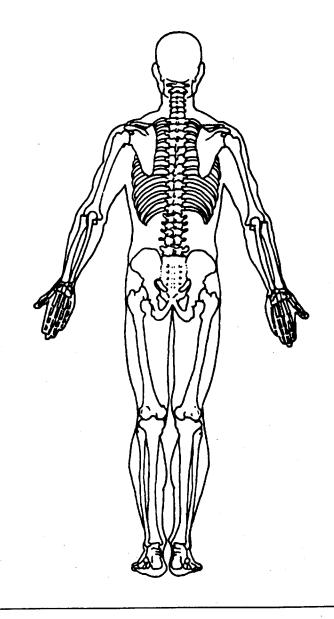
Units = NR

Arterial Blood Gases

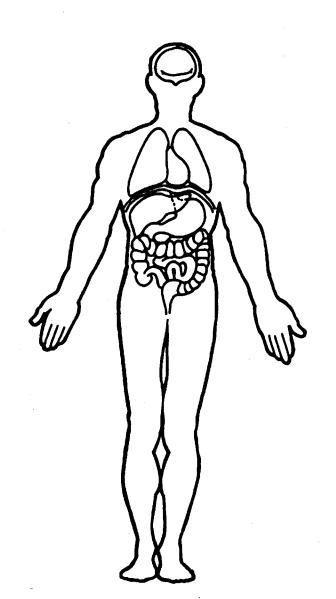
PCO,

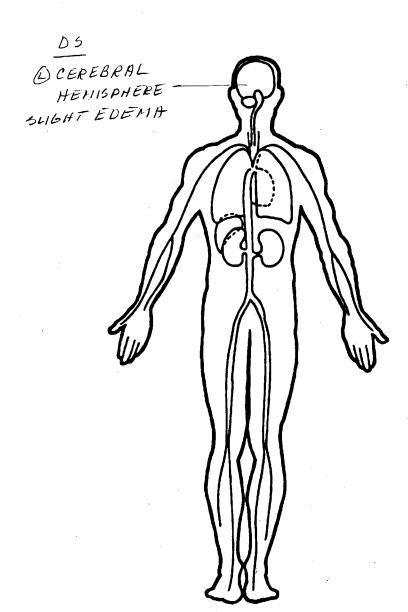
HCO₃





Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





Vatio	nal Accident Sampling System-Crashworthiness Data	Sys	stem: General Vehicle Form \sqrt{g} Page 2
		25.	Roadway Surface Condition
19.	Relation To Interchange Or Junction 2		(1) Dry
	(0) Non-interchange area and non-junction		(2) Wet
	(1) Interchange area related		(3) Snow or slush
	(1) Interest and the second se		(4) Ice
	Non-Interchange junctions		(5) Sand, dirt, or oil
	(2) Intersection related		(8) Other (specify):
	(3) Driveway, alley access related		(9) Unknown
	(4) Other junction (specify)		
	(1) Strict junction (openly)	26	Light Conditions
	(5) Unknown type of junction	20.	-
	(b) Officion type of junction		(1) Daylight (2) Dark
	(9) Unknown .		· ·
	(3) OTIKIOWII		(3) Dark, but lighted
			(4) Dawn
20	Trafficway Flow		(5) Dusk
20.	(0) Not physically divided (two way traffic)		(9) Unknown
	(1) Divided trafficway-median strip without		
	positive barrier	27	Atmospheria Conditions
	(2) Divided trafficway-median strip with positive	2 / .	. Atmospheric Conditions
	barrier		(0) No adverse atmospheric-related driving
	(3) One way traffic		conditions
	(9) Unknown		(1) Rain
	(5) Olikilowii]	(2) Sleet/hail
		1	(3) Snow
21.	Number Of Travel Lanes 2		(4) Fog
	(1) One		(5) Rain and fog
	(2) Two		(6) Sleet and fog
	(3) Three]	(7) Other (e.g., smog, smoke, blowing sand or
	(4) Four		dust, etc.) (specify):
	(5) Five		(0) 11-1
	(6) Six		(9) Unknown
	(7) Seven or more		Traffic Control Daviso
	(9) Unknown	28	Traffic Control Device
		Ì	(0) No traffic control(s)
22	Boodway Alignment	l	(1) Traffic control signal (not RR crossing)
22.	Roadway Alignment	l	0
	(1) Straight		Regulatory
	(2) Curve right	1	(2) Stop sign
	(3) Curve left	1	(3) Yield sign
	(9) Unknown	1	(4) School zone sign
	• .	1	(5) Other regulatory sign (specify):
23.	Roadway Profile	1	(6) Warring sing (not BB sessing)
	(1) Level	1	(6) Warning sign (not RR crossing)
	(2) Uphill grade (>2%)	1	(7) Unknown sign
	(3) Hill crest		(8) Miscellaneous/other controls including RR
	(4) Downhill grade (>2%)	1	controls (specify):
	(5) Sag		(0) 11-1
	(9) Unknown	1	(9) Unknown
	7		9
24.	Roadway Surface Type	29	7) No coefficient device Punctioning
	(1) Concrete	1	(0) No traffic control device
	(2) Bituminous (asphalt)		(1) Traffic control device not functioning
	(3) Brick or block		(specify):
	(4) Slag, gravel, or stone	1	(2) Traffic control device functioning properly
	(5) Dirt		(9) Unknown
l	(8) Other (specify):	1	
1	(9) Unknown	1	

			3-149A
Syst	tem: Ge	eneral Vehicle Form	Page 5
44.	Vehicle 	Cargo Weight	4.000
	(000) (450) (999)	10 kilograms. Less than 5 kilograms 4,500 kilograms or more Unknown 0 8 0 lbs x .4536 = 1.39	Z kgs
	Source		
		ROLLOVER DATA	
45.	Rollove (00) No	er o rollover (no overturning)	-05
	<i>Rollove</i> 1-16) (17)	er (primarily about the longitudin Code the number of quarter tu Rollover, 17 or more quarter tu (specify):	rns
	(98) (99)	Rolloverend-over-end (i.e., pri about the lateral axis) Rollover (overturn), details unk	
46.	(00) No (01) Tr (02) Fli (03) Tu (04) Cl (05) Fa (06) Bo (07) Co	urn-over limb-over	<u>₽</u> 7
	(98) Ro	olloverend-over-end nknown rollover initiation type	
47.	(0) No (1) Oo (2) Oo (3) Oo (4) Oo (8) Ro	on of Rollover Initiation o rollover n roadway n shoulder—paved n shoulder—unpaved n roadside or divided trafficway olloverend-over-end nknown	<u>4</u>
48.		er Initiation Object Contacted Applicable codes on back of page)	01
49.	Trippin (0) N (1) W (2) Si (3) Er (4) U	on on Vehicle Where Initial Princing Force Is Applied o rollover Wheels/tires ide plane nd plane Indercarriage other location on vehicle (specify	
	(6) N	on-contact rollover forces (spec	ify):
		olloverend-over-end Inknown	
50.	(0) N (1) R	on of Initial Roll lo rollover oll right - primarily about the lor xis	2
	(2) R az (8) R	oll left - primarily about the long xis olloverend-over-end	itudinal
- interestable	ט וכו	Inknown roll direction	

Vatio	nal Accident Sampling System-Crashworthiness Data
	OCCUPANT RELATED
37.	Driver Presence in Vehicle (0) Driver not present (1) Driver present (9) Unknown
38.	Number of Occupants This Vehicle (00-96) Code actual number of occupants for this vehicle (97) 97 or more (99) Unknown
39.	Number of Occupant Forms Submitted
	AIR BAG RELATED
40.	Is this an AOPS Vehicle? (0) No (includes unknown) (1) Yes - researcher determined (2) VIN determined air bag system (3) VIN determined automatic (passive) belts (4) VIN determined air bag and automatic (passive) belts
41.	Air Bag(s) Deployment, First Seat Frontal (0) Not equipped or not available (1) No air bags deployed
	Single Air Bag Vehicle (2) Driver air bag deployed (3) Driver air bag, unknown if deployed Multiple Air Bag Vehicle (4) Driver side only deployed (5) Passenger side only deployed (6) Driver and passenger side deployed (7) Driver and passenger side unknown if deployed (8) Air bag(s) deployed, details unknown (9) Unknown
42.	Air Bag(s) Deployment, Other Than First Seat Frontal (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown Specify type of "other" air bag present:
	VEHICLE WEIGHT ITEMS
4:	9 1 3

10 kilograms (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown lbs X .4536 = Source: 1

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover (01-30) — Vehicle Number	(57) Fence (58) Wall (59) Building
Noncollision	(60) Ditch or culvert
(31) Turn-over — fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
(- 1 /	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	• • •
(42) Tree (> 10 cm in diameter)	(69) Unknown fixed object
(43) Shrubbery or bush	•
(44) Embankment	Collision with Nonfixed Object
	(70) Passenger car, light truck, van, or other
(45) Breakaway pole or post (any diameter)	vehicle not in-transport
71 1 1	(71) Medium/heavy truck or bus not in-transport
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post (> 10 cm but \leq 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter) (53) Pole or post (diameter unknown)	(88) Other nonfixed object (specify):
(OO) 1 010 01 pool (alamotal alimite vill)	(89) Unknown nonfixed object
(54) Concrete traffic barrier	,
(55) Impact attenuator	(98) Other event (specify):
(56) Other traffic barrier (includes guardrail)	• • • • • • • • • • • • • • • • • • • •
(specify):	(99) Unknown event or object

2			
J.S. Department of Transportation National Highway Traffic Safety Administration	EXTERIOR VE	HICLE FORM	NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM
Primary Sampling Unit Number Case Number - Stratum	149A	3. Vehicle Number	2
Z. Gabo Mambel	VEHICLE IDE	NTIFICATION	
VIN $\underline{IFDKF38}$ Vehicle Make (specify): \underline{Ford}	F2S	Vehicle Model (spec	Model Year 95 cify): $F-350$ Diesely
		ATOR	
Locate the end of the damage with or an undamaged axle for side impa	respect to the vehicle	e longitudinal center line	e or bumper corner for end impacts
Specific Impact No. Location of Direct		Location of Field L	Location of Max Crush
1 begins 18cm		Som	128cm behind (1) Fro
	CRUSH PROFILE	IN CENTIMETERS	
NOTES: Identify the plane at which sill, etc.) and label adjustn	h the C-measuremen	ts are taken (e.g., at bu	umper, above bumper, at sill, above
Measure C1 to C6 from d impacts.	river to passenger si	de in front or rear impa	cts and rear to front in side
Free space value is define the individual C locations. side taper, etc. Record the	This may include the	ne following: bumper le	the original body contour taken at ad, bumper taper, side protrusion, num crush.
			- MOX CXUS

Use as many lines/columns as necessary to describe each damage profile.											
Specific Impact Number	Plane of Impact C-Measurements	Direct D Width (CDC)		Field	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
1	between 1	390		390	6	6	58	62	35	97	
	Tone	•			8	0	20	20	20	20	
	1 9 9 3 3 3		42		B	0	38	42	15	27	+5
								<u> </u>			
2	Rollour	530	30								
							<u> </u>				
									<u> </u>	<u> </u>	
											<u> </u>
	·										

ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	136.8 inches	x 2.54 =	<u>347</u> cm
Overall Length	2 08.8 inches	x 2.54 =	<u>53+6</u> cm
Maximum Width	inches	x 2.54 =	cm
Curb Weight ; Tweighted_	<u>4,700</u> pounds	x .4536 =	$\underline{2132}$ kg
Average Track	6 2.2 inches	x 2.54 =	1 58cm
Front Overhang	$\underline{33.5}$ inches	x 2.54 =	<u>85</u> cm
Rear Overhang	inches	x 2.54 =	cm
Undeformed End Width	inches	x 2.54 =	cm
Engine Size: cyl./displ.	сс	x .001 =	L
	CID	x, .0164 =	L

National Accident Sampling System-Crashworthiness Data System: Exterior Vehicle Form

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Page 2g

	VEHICLE DAMAGE SKETCH	•
TIRE—WHEEL DAMAGE a. Rotation physically b. Tire restricted deflated RF	ORIGINAL SPECIFICATIONS Wheelbase 347 cm Overall Length 530 cm Maximum Width 170 cm Curb Weight 1400 21 2/32 kg Average Track 158 cm Front Overhang 85 cm Rear Overhang Meusu-1/00 cm Undeformed End Width 225 cm Engine Size: cyl./displ. 1/8/7.3 L	WHEEL STEER ANGLES (For locked front wheels or displaced rear axles only) RF
0		151 1 rock
79 0 0	MEASUREMENTS IN CENTIMETERS 9	No Rec Bunger
	Bumper corner 8/350 Stringline Post-crash Bumper corner 95 Stringline 95	Bumper corner Stringline Stringline Stringline

NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage

HS Form 435B (2g) (1/95)

received on the back of this page.

CDC WORKSHEET

	CODES FOR OF	BJECT CONTA	ACTED			
(01-30) — Vehicle	Number		Fence Wall			
Noncollision			Building			
	rollover (excludes end-over-end		Ditch or	culvert		
(31) Overturn – (32) Rollover – e			Ground			
(33) Fire or expl			Fire hydra	ant		
(34) Jackknife	03.011		Curb			
	unit damage (specify):		Bridge			
				ed object (s	pecify):	
(36) Noncollisio (38) Other nonc	n injury collision (specify):	(69)	Unknowr	n fixed objec	t	
(39) Noncollisio	n — details unknown	Collisio (70)	n with No Passenge	nfixed Object	ct truck, van, (or other
Collision With Fixed	l Object	(, 0,		ot in-transp		ļ
	cm in diameter)	(71)				in-transport
	cm in diameter)		Pedestria			
(43) Shrubbery			Cyclist o			
(44) Embankme		(74)	Other no	nmotorist o	r conveyand	e
(45) Breakaway	pole or post (any diameter)		Vehicle o	occupant		
	<u>_</u> :		Animal			
Nonbreakaway Pol			Train	licacanacetos	l in transpor	. 1
(50) Pole or pos	st (≤ 10 cm in diameter)				l in transpor cle in-transp	
	st (> 10 cm but ≤ 30 cm in			nfixed object		1
diameter)	at /> 20 am in diameter)	(00)	Other no	illixed Objec	ot (specify).	
	st (> 30 cm in diameter) st (diameter unknown)	(89)	Unknow	n nonfixed o	bject	
(54) Concrete t		(98)	Other ev	ent (specify	·):	
(55) Impact att (56) Other traff	enuator ic barrier (includes guardrail)	(99)	Unknow	n event or o	bject	
(specify):_						
	DEFORMATION CLASSI	FICATION BY				
Accident	(1) (2)		(4) Specific	(5) Specific	(6)	
Accident Event	Direction Incremental	(3) L		Vertical or	Type of	(7)
Sequence Object			or Lateral	Lateral	Damage	Deformation
Number Contacto		Location	Location	Location	Distribution	Extent
AT A	+30 8	\overline{R}	\overline{D}	F	-W	A3
157 31			7		<u> </u>	$\frac{3}{2}$
02 31	0000	\mathcal{I}	\underline{D}	<u>D</u>	0	04
				4		
·						
			-			

		COLLISION	DEFORMA	TION CLAS	SIFICATIO	V	
HIGHEST [DELTA "V"						
Accident Event Sequence Number	Object Contacted	(1) (2) Direction of Force	(3) Deformation Location	(4) Longitudinal or Lateral Location	(5) Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
4. <u>0</u>	5. <u>0</u> /	6.01	7. <u>R</u>	8. <u>//</u>	9. <u> </u>	10. <u>W</u>	11_63
Second His	ghest Delta "V		T	- 0	<i>n</i>	()	A4
12.4	_13. <u>ン</u> <u>/</u>	14.00	15. <u>/</u> _	16. <u>//</u>	17. <u> </u>	18. <u> </u>	19. <u> </u>
		CRUS	H PROFILE	IN CENTIM	ETERS		
	The crush pro in the appr	file for the dan opriate space	nage described below. (ALL N	I in the CDC(s)	above should IS ARE IN CEN	be documente ITIMETERS.)	ed
HIGHEST	DELTA "V"						
20. L	21. 				C ₅	C ₆	22.
390	000	000	<u>038</u>	042-0	215-0	-27	005
Second Hi	ighest Delta "V	/: "					
23. 	24. C ₁	C ₂		C ₄	C ₅	C ₆	25.
						· ·	+
(Coded impact (250) (998)	250 centimete No highest sev	severity e impact.) earest centimet		(650)	al Wheelbase Code to the n centimeter 650 centimet Unknowninches		3 4 7centimeters
27. Direct (For hi 3 9 0 (250)	Unknown Damage Width ghest severity is code to the non-zero 250 centimeter Unknown	impact) earest centimet	250 ter	(185) (999)	al Average Tra Code to the r centimter 185 centimet Unknowninches	ers or more	

				FUEL SYSTEM
	n/			ULL STOTEW
30.	Are CDCs Documented	35.	Loca	ation of Fuel Tank-1 Filler Cap ation of Fuel Tank-2 Filler Cap
	but Not Coded on The	36	Loca	ation of Fuel Tank-2 Filler Cap
	Automated File?	30.	(0)	No fuel tank
	(O) No	1	(1)	On back plane
	(1) Yes	İ	(2)	Aft of center of the rear wheels (rear axle)
			رم،	on left side plane Aft of center of the rear wheels (rear axle)
31	Researcher's Assessment of Vehicle	1	(3)	on right side plane
•	Disposition		(4)	Forward of center of the rear wheels (rear
	(0) Not towed due to vehicle damage	1	• • • •	axle) on left side plane
	(1) Towed due to vehicle damage		(5)	
	(9) Unknown		/G\	axle) on right side plane Over the center of the rear wheels (rear
	,	ľ	(6)	axle) on left side plane
22	Is This A Multi-Stage Manufactured Vehicle		(7)	Over the center of the rear wheels (rear
32.	And/Or A Certified Altered Vehicle?	1	•	axle) on right side plane
	(0) No post manufacturer modifications	[(8)	Other (specify):
	(1) Yes - nost manufacturer modifications		(9)	Unknown
	(specify): Dump box Added	37	Typ	e of Fuel Tank-1
		1	• •	7
	the Land America CERTIFICATION	30.	1 yp (0)	e of Fuel Tank-2 No fuel tank (electrical vehicle)
	(Include photograph of CERTIFICATION PLACARD in case report)	1	(1)	Metallic Ma9 L
	(9) Unknown if vehicle is modified		(2)	Non-metallic
	(o) Cindiowi ii voidele le meanice		(9)	Unknown
	FIRE OCCURRENCE	39.	Loc	ation of Fuel Tank-1
	FIRE OCCONNENCE	40.	Loc	ation of Fuel Tank-2
33.	Fire Occurrence	1	(O)	No fuel tank
	(0) No fire	1	(1)	Aft of center of the rear wheels (rear axle)
			(2)	centered Aft of center of the rear wheels (rear axle)
	Yes, fire occurred		\21	left side
	(1) Minor		(3)	Aft of center of the rear wheels (rear axle)
	(2) Major (9) Unknown			right side Forward of center of the rear wheels (rear
	(3) Olikilowii		(4)	axle) centered .
			(5)	Forward of center of the rear wheels (rear
34.	Origin of Fire			axle) left side
l	(0) No fire		(6)	Forward of center of the rear wheels (rear
}	(1) Vehicle exterior (front, side, back, top)		(7)	axle) right side Over center of the rear wheels (rear axle)
	(2) Exhaust system (3) Fuel tank (and other fuel retention		(8)	
l	system parts)		(9)	
	(4) Engine compartment		_	/
	(5) Cargo/trunk compartment	i i		mage to Fuel Tank-1
	(6) Instrument panel	42		mage to Fuel Tank-2
	(7) Passenger compartment area	1	(0)	
	(8) Other location (specify):		(1) (2)	
	(9) Unknown		(3)	
	(o) Challetti		(4)	Punctured
			(5)	
			(6) (7)	Abraded (scraped) Filler neck separation from the fuel tank
			(8)	
			(9)	
1		1		

National Accident	Sampling	System-Cras	hworthiness	Data	System:	Exterior	Vehicle	Form
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43. Leakage Location of Fuel System-1 44. Leakage Location of Fuel System-2 (O) No fuel tank (1) No fuel leakage Primary Area Of Leakage (2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1 Single Fuel Type (OO) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (OA) LPG (Liquid Petroleum Gas) also known as Propane (OS) LNG (Liquid Natural Gas) (OA) LPG (Liquid Natural Gas) (OA) Defer (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-ron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (99) Unknown fuel type	
(0) No fuel tank (1) No fuel leakage Primary Area Of Leakage (2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1 46. Fuel Type-2 Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
(0) No fuel tank (1) No fuel leakage Primary Area Of Leakage (2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1	only)
Primary Area Of Leakage (2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1	
cap and no fuel system (2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown if more than to (9) Unknown if more than	
(2) Tank (3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1	iny tank or filler
(3) Filler neck (4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1 46. Fuel Type-2 Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Soler Powered Vehicles (10) Lead Acid Battery (11) Nickel-Cadmium Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	m leakage
(4) Cap (5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1	iny tank or filler
(5) Lines/pump/filter (6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1	ion):
(6) Vent/emission recovery (8) Other (specify): (9) Unknown 45. Fuel Type-1 46. Fuel Type-2 Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	iony.
(8) Other (specify): (9) Unknown 45. Fuel Type-1	additional tank or
(specify the following): Type of tank Tank location Filler cap location Filler cap location Tank damage Location of leakage Type of fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Cadmium Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
45. Fuel Type-1 46. Fuel Type-2 Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Cadmium Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):)·
46. Fuel Type-2 Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	,.
46. Fuel Type-2 Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (99) Unknown if more than to the substance of the substanc	
Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (99) Unknown if more than to the substance of the substanc	
Single Fuel Type (00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Cadmium Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(00) No fuel tank (01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	n two tanks
(01) Gasoline (02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(02) Diesel (03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(04) LPG (Liquid Petroleum Gas) also known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
known as Propane (05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	NTS
(05) LNG (Liquid Natural Gas) (06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(06) Methanol (M100 or M85) (07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(07) Ethanol (E100 or E85) (08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(08) Other (Hydrogen or others) (specify): Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
Electric Powered or Electric/Solar Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
Powered Vehicles (10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
(10) Lead Acid Battery (11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(11) Nickel-Iron Battery (12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify):	
(12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
(13) Sodium Metal Chloride Battery (14) Sodium Sulfur Battery (18) Other (Specify):	
(14) Sodium Sulfur Battery (18) Other (Specify): (98) Other Hybrid (specify): ———————————————————————————————————	
(18) Other (Specify):(98) Other Hybrid (specify):	
(99) Unknown fuel type	·
(99) Unknown fuel type	
1	

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

(GV10=0)

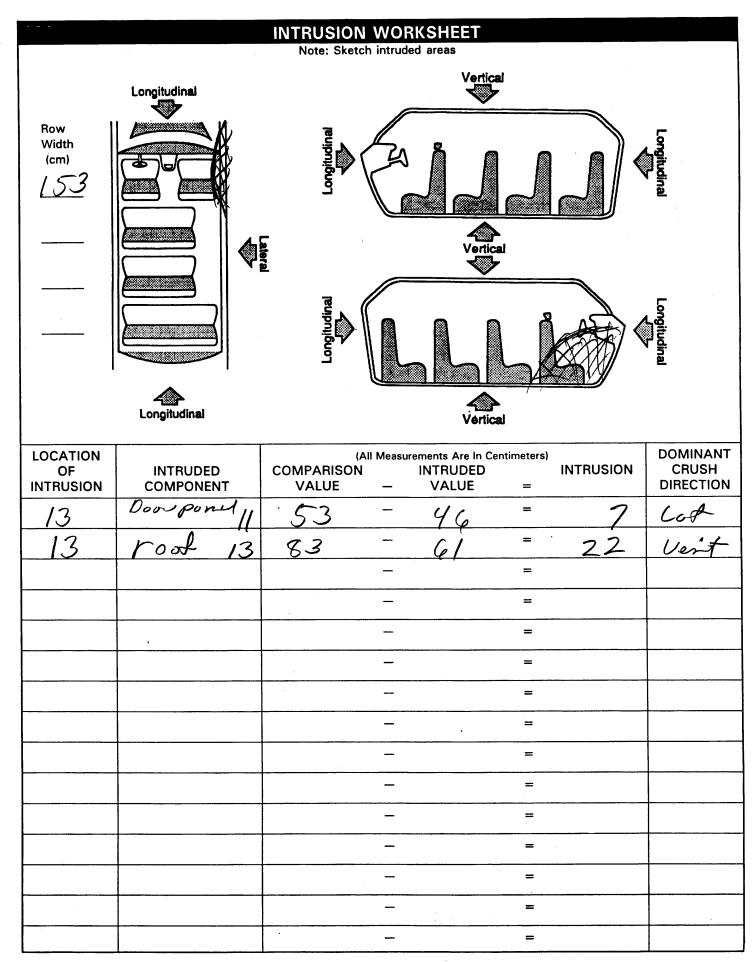
DO NOT COMPLETE THE INTERIOR VEHICLE FORM.

National Highway Traffic Safety Administration

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

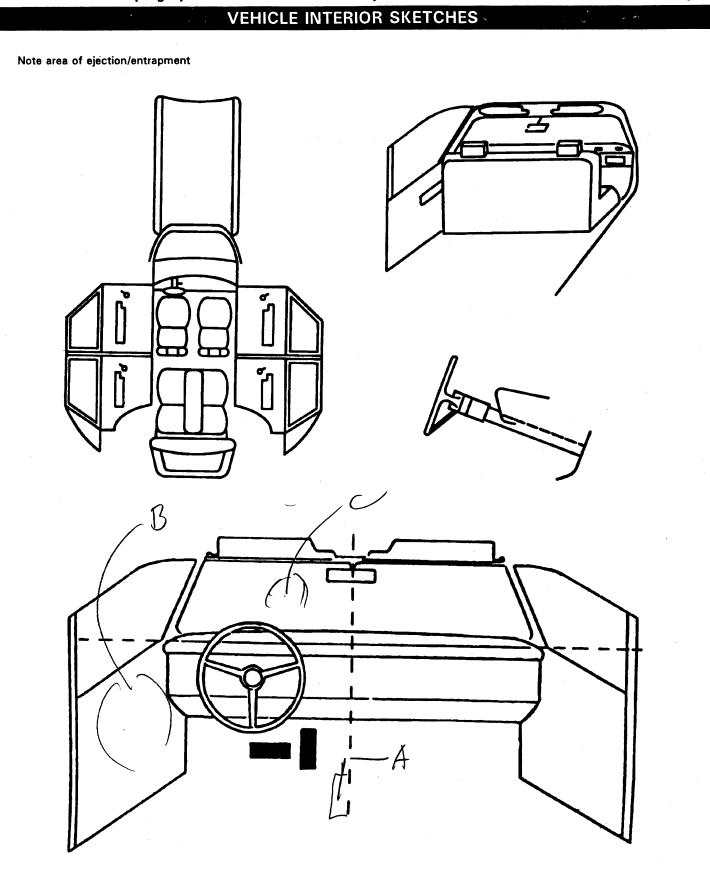
13	GLAZING
1. Primary Sampling Unit Number	Type of Window/Windshield Glazing
2. Case Number - Stratum	15. WS 16. LF 217. RF 218. LR 19. RR
3. Vehicle Number	20. BL_221. Roof_622. Other_2
4. Passenger Compartment Integrity (00) No integrity loss Yes, Integrity Was Lost Through (01) Windshield (02) Door (side) (03) Door/hatch (back door) (04) Roof (05) Roof glass (06) Side window (07) Rear window (backlight) (08) Roof and roof glass (09) Windshield and door (side) (10) Windshield and roof (11) Side and rear window (side window and backlight) (12) Windshield and side window (13) Door and side window (98) Other combination of above (specify):	(0) No glazing (1) AS-1 — Laminated (2) AS-2 — Tempered (3) AS-3 — Tempered-tinted (original) (4) AS-2 — Tempered-with after market tint (5) AS-3 — Tempered-tinted (with additional after market tint) (6) AS-14 — Glass/Plastic (7) Glazing removed prior to accident (8) Other (specify): (9) Unknown Window Precrash Glazing Status 23. WS
Door, Tailgate or Hatch Opening 5. LF	(9) Unknown Glazing Damage from Impact Forces 31. WS 232. LF 133. RF 34. LR 35. RR 36. BL 37. Roof 38. Other 38. Other 36. (0) No glazing (1) No glazing damage from impact forces (2) Glazing in place and cracked from impact forces (3) Glazing in place and holed from impact forces (4) Glazing out-of-place (cracked or not) and not holed from impact forces (5) Glazing out-of-place and holed from impact forces
Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code Ø	(6) Glazing out-or-place and noted from impact forces (7) Glazing removed prior to accident (9) Unknown if damaged
10. LF 11. RF 12. LR 13. RR 14. TG/H	Glazing Damage from Occupant Contact
(0) No door/gate/hatch or door not opened	39. WS
Door, Tailgate or Hatch Came Open During Collision (1) Door operational (no damage) (2) Latch/striker failure due to damage (3) Hinge failure due to damage (4) Door structure failure due to damage (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage (6) Latch/striker and hinge failure due to damage (8) Other failure (specify):	(0) No glazing (1) No occupant contact to glazing (2) Glazing contacted by occupant but no glazing damage (3) Glazing in place and cracked by occupant contact (4) Glazing in place and holed by occupant contact (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact (6) Glazing out-of-place by occupant contact and holed by occupant contact (7) Glazing removed prior to accident (8) Glazing disintegrated by occupant (9) Unknown if contacted by occupant



	OCCUF	PANT AR	EA INTRUSION
Note: If no intrusion	s, leave variables IV47-IV8	36 blank.	INTRUDING COMPONENT
Location of Intrusion	Intruding Magnitude Component of Intrusion	Dominant Crush Direction	Interior Components (01) Steering assembly (02) Instrument panel left (03) Instrument panel center
1st 47/ <u>3</u>	48. /3 49. 3	503	(04) Instrument panel right (05) Toe pan (06) A (A1/A2)-pillar (07) B-pillar
2nd 51/3_	52. / / 53. /	54	(08) C-pillar (09) D-pillar (10) Side panel - forward of the A1/A2-pillar (11) Door panel (side)
3rd 55	56 57	58	(12) Side panel - rear of the B-pillar (13) Roof (or convertible top) (14) Roof side rail (15) Windshield
4th 59	60 61	62	(16) Windshield header (17) Window frame (18) Floor pan (includes sill) (19) Backlight header
5th 63	64 65	66	(20) Front seat back (21) Second seat back (22) Third seat back (23) Fourth seat back
6th 67	68 69	70	(24) Fifth seat back (25) Seat cushion (26) Back door/panel (e.g., tailgate) (27) Other interior component (specify):
7th 71	72 73	74	
8th 75	76 77	78	Exterior Components (30) Hood (31) Outside surface of this vehicle (specify):
9th 79	80 81	82	 (32) Other exterior object in the environment (specify): (33) Unknown exterior object (97) Catastrophic (98) Intrusion of unlisted component(s)
10th 83	84 85	86	(specify): (99) Unknown
Front Seat (11) Left (12) Middle (13) Right Second Seat (21) Left (22) Middle	Fourth Seat (41) Left (42) Middle (43) Right (97) Catastropi (98) Other enc	losed	MAGNITUDE OF INTRUSION (1) ≥ 3 centimeters but < 8 centimeters (2) ≥ 8 centimeters but < 15 centimeters (3) ≥ 15 centimeters but < 30 centimeters (4) ≥ 30 centimeters but < 46 centimeters (5) ≥ 46 centimeters but < 61 centimeters (6) ≥ 61 centimeters (7) Catastrophic (9) Unknown
(23) Right Third Seat (31) Left (32) Middle (33) Right	(99) Unknown		DOMINANT CRUSH DIRECTION (1) Vertical (2) Longitudinal (3) Lateral (7) Catastrophic (9) Unknown

ST	EERING	RIM/SPOKE DEFO	PRMATIO	ON The state of th
	(A)I	Measurements Are in Centime	eters)	
COMPARISON VALUE	_	DAMAGE VALUE	=	DEFORMATION
	_		= .	
			=	
			=	
	_		32	
		• · · · · · · · · · · · · · · · · · · ·		
		•		
				K. T.
•				

STEERING COLUMN	INSTRUMENT PANEL
87. Steering Column Type (1) Fixed column (2) Tilt column (3) Telescoping column (4) Tilt and telescoping column (8) Other column type (specify):	92. Odometer Reading
88. Tilt Steering Column Adjustment (0) No tilt steering column (1) Full up (2) Between full up and center (3) Center (4) Between center and full down (5) Full down (9) Unknown	Source: 93. Instrument Panel Damage from Occupant Contact? (0) No (1) Yes (9) Unknown 94. Type of Knee Bolster Covering
89. Telescoping Steering Column Adjustment (0) No telescoping steering column (1) Full back (2) Between full back and midpoint (3) Midpoint (4) Between midpoint and full forward (5) Full forward (9) Unknown	(0) No knee bolster (1) Padded (2) Rigid plastic (8) Other (specify): (9) Unknown 95. Knee Bolsters Deformed from Occupant Contact? (0) No knee bolster (1) No deformation (2) Yes - deformation (9) Unknown
90. Steering Rim/Spoke Deformation Code actual measured deformation to the nearest centimeter (00) No steering rim deformation (01-14) Actual measured value in centimeters (15) 15 centimeters or more (98) Observed deformation cannot be measured (99) Unknown	96. Did Glove Compartment Door Open During Collision(s)? (0) No glove compartment door (1) No - door did not open (2) Yes - door opened (9) Unknown 97. Adaptive (Assistive) Driving Equipment
91. Location of Steering Rim/Spoke Deformation (00) No steering rim deformation Quarter Sections (01) Section A (02) Section B (03) Section C (04) Section D Half Sections (05) Upper half of rim/spoke (06) Lower half of rim/spoke (07) Left half of rim/spoke (08) Right half of rim/spoke (09) Complete steering wheel collapse (10) Undetermined location (99) Unknown	(0) No adaptive driving equipment (1) Adaptive driving equipment installed (Check all that apply.) [] Hand controls for braking/acceleration [] Steering control devices (attached to OEM steering wheel [] Steering knob attached to steering wheel [] Low effort power steering (unit or device) [] Replacement steering wheel (i.e., reduced diameter) [] Joy-stick steering controls [] Wheelchair tie-downs [] Modification to seat belts (specify): [] Additional or relocated switches (specify): [] Raised roof [] Wall-mounted head rest (used behind wheelchair) [] Other adaptive device (specify): (9) Unknown



Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove compartment, damage to instrument panel structure.

Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.

Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

		POII	NTS OF OCC	CUPANT CONTACT		
Contact	Interior Component Contacted	Occupant No. If Known	Body Region If Known	Supporting Physical	Evidence	Confidence Level of Contact Point
Α	252	/	Lea	Serla Fobri		2_
В	051		Hip	<u> </u>	- 6/0 ad SK.	
С	001	7	Hild	SK. L	- 6/00	2
D			110	21); —		
E						
F						
G						
Н						
1						
J			1			
К						
L						
М						
N						
of codes 0 (007) Steering column, tra selector lev attachmen (008) Cellular tel radio (009) Add on equ deck, air column, tra below (011) Center inst below (012) Right instru below (013) Glove com (014) Knee bolst (015) Windshield more of the header, A (instrument steering as: side only) (016) Windshield more of the header, A (instrument (passenger (017) Windshield exterior obj (019) Other front	wheel hub/spoke wheel (combination 004 and 005) ansmission over, other if lephone or CB quipment(e.g., tape conditioner) ment panel and trument panel and rument panel and rume	excludi armres (052) Left sic armres (053) Left A (054) Left Sic (055) Other II (056) Left sic (057) Left sic (058) Left sic includir followir sill, A (050) Cortoof (060) Other Ic (specification armrest (102) Right sic armrest (103) Right A (104) Right B (105) Other Ic (106) Right Sic (107) Right sic (108) Right sic (109) Right sic (1100) Other II	de hardware or it (A1/A2)-pillar pillar (A1/A2)-pillar pillar (A1/A2)-pillar pillar (A1/A2)-pillar pillar (A1/A2)-pillar, B-pillar, B-p	(163) Other interior object (specify): AIR BAG (170) Àir bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag compartment cover (specify) ROOF (201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (205) Roof or convertible top	(302) Backlight storage door, etc. (303) Other rear object of the control of the	rect (specify): /E) DRIVING for ration ol devices EM steering attached to teering wheel liameter) ing controls downs o seat belts, slocated cify):
			e kar Salah	(253) Parking brake handle (254) Foot controls including parking brake	CONFIDENCE LEVEL O POINT (1) Certain (2) Probable (3) Possible (9) Unknown	F CONTACT

MANUAL RESTRAINTS

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below.

Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a Child safety seat is present, encode the data on the back of this page.

If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page. Center Right Left Availability F Evidence of usage Used in this crash? R Proper Use S Failure Modes Anchorage Adjustment **Availability** Evidence of usage SHCOZD Used in this crash? Proper Use Failure Modes Anchorage Adjustment Availability Evidence of usage 0 Used in this crash? H **Proper Use** Ε Failure Modes **Anchorage Adjustment**

Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):
- (9) Unknown

Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01) Inoperable (specify):
- (02) Shoulder belt
- (03) Lap belt
- (04) Lap and shoulder belt
- (05) Belt used type unknown
- (08) Other belt used (specify):
- (12) Shoulder belt used with child safety seat
- (13) Lap belt used with child safety seat
- (14) Lap and shoulder belt used with child safety seat
- (15) Belt used with child safety seat type unknown
- (18) Other belt used with child safety seat (specify):
- (99) Unknown if belt used

Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- (2) Belt used properly with child safety seat

Belt Used Improperly

- (3) Shoulder belt worn under arm
- (4) Shoulder belt worn behind back or seat
- (5) Belt worn around more than one person
- (6) Lap belt worn on abdomen
- (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of manual belt system (specify):
- (9) Unknown

Manual (Active) Belt Failure Modes During Accident

- (0) No manual belt used or not available
- (1) No manual belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- (3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other manual belt failure (specify):
- (9) Unknown

Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- (1) No upper anchorage adjustment for shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- (3) In mid position
- (4) In full down position
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

	AUTOMATIC	RES	TRA	INTS
--	------------------	-----	-----	------

NOTES: Encode the data for each applicable front seat position. The attribute for the variables may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

AIR BAGS

		Left Front	Right Front	Other
F	Availability/Function			
R	Deployment			
S	Failure			1

Air Bag System Availability/Function

- (0) Not equipped/not available
- (1) Air bag

Non-functional

- (2) Air bag disconnected (specify):
- (3) Air bag not reinstalled
- (9) Unknown

Are There Indications of Air Bag System Failure? (This Occupant Position)

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (9) Unknown

Frontal Air Bag System Deployment (This Occupant Position)

- (0) Not equipped/not available
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, accident sequence undetermined
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

Air Bag(s) Deployment, <u>Other</u> Than First Seat Frontal (This Occupant Position)

- (0) Not equipped with an <u>"other"</u> air bag
- (1) Deployed during accident (as a result of impact)
- (2) Deployed inadvertently just prior to accident
- (3) Deployed, details unknown
- (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical)
- (5) Unknown if deployed
- (7) Nondeployed
- (9) Unknown

AUTOMATIC BELTS

		Left	Right
	Availability/Function		
F	Use		
R	Туре		
S	Proper Use		
	Failure Modes		

Automatic (Passive) Belt System Availability/Function

- (0) Not equipped/not available
- (1) 2 point automatic belts
- (2) 3 point automatic belts
- (3) Automatic belts type unknown

Non-functional

- (4) Automatic belts destroyed or rendered inoperative
- (9) Unknown

Automatic (Passive) Belt System Use

- (0) Not equipped/not available/destroyed or rendered inoperative
- (1) Automatic belt in use
- (2) Automatic belt not in use (manually disconnected, motorized track inoperative)
- (3) Automatic belt use unknown
- (9) Unknown

Automatic (Passive) Belt System Type

- (0) Not equipped/not available
- (1) Non-motorized system
- (2) Motorized system
- (9) Unknown

Proper Use of Automatic (Passive) Belt System

- (0) Not equipped/not available/not used
- (1) Automatic belt used properly
- (2) Automatic belt used properly with child safety seat

Automatic Belt Used Improperly

- (3) Automatic shoulder belt worn under arm
- (4) Automatic shoulder belt worn behind back
- (5) Automatic belt worn around more than one person
- (6) Lap portion of automatic belt worn on abdomen
- (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly with child safety seat (specify):
- (8) Other improper use of automatic belt system (specify):
- (9) Unknown

Automatic (Passive) Belt Failure Modes During Accident

- (0) Not equipped/not available/not in use
- (1) No automatic belt failure(s)
- (2) Torn webbing (stretched webbing not included)
- 3) Broken buckle or latchplate
- (4) Upper anchorage separated
- (5) Other anchorage separated (specify):
- (6) Broken retractor
- (7) Combination of above (specify):
- (8) Other automatic belt failure (specify):
- (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

NOTES: Encode the applicable data for the driver and first seat passenger in the vehicle. The attribute for the variable may be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
Type of air bag?		
Flaps open at tear points?		
Flaps damaged?		
Air bag damaged?		
Source of air bag damage	X	
Air bag tethered?		
Air bag have vent ports?		
Other occupant contact air bag?		
Occupant wearing eyewear?		

Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

Did Air Bag Module Cover Flap(s) Open At Designated Tear Points?

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed (06) Burned
- (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify number of tether straps):
- (3) Deployed, unknown if tethered
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- 2) Yes (specify number of vent ports):
- (3) Deployed, unknown if vent ports present
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

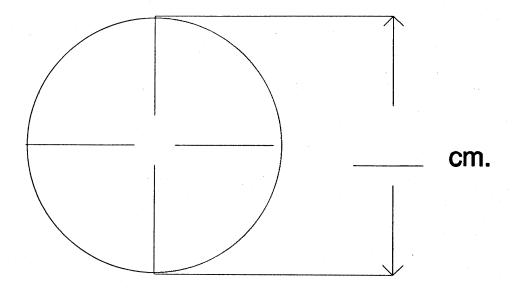
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if other occupant contact to air bag
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was This Occupant Wearing Eye-wear?

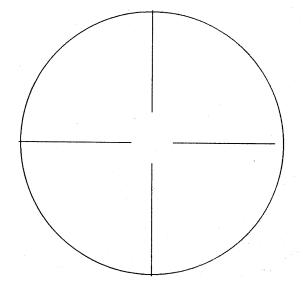
- (0) Not equipped/not available
- (1) No
- (2) Eyeglasses/sunglasses
- (3) Contact lenses
- (4) Deployed, unknown if eyewear worn
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



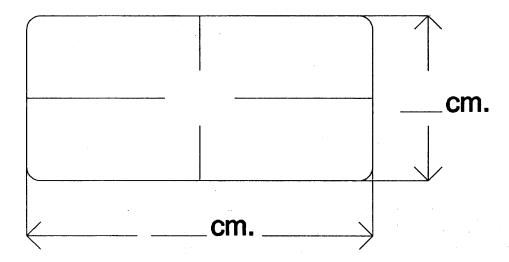
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



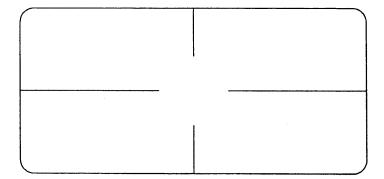
DRIVER AIR BAG S	KETCHES (Cont'd)
3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap b. Lower Flap	
width (W _U) width (W _L)	
height (H _U) height (H _L)	
W _u	
4. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	5. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS
A section of	
6. SKETCH LOCATION OF CIRCULAR AIR BAG VENT PORTS	
9 3 8 4 7 6 5	

PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



	C CVETCUES /Come'd\
PASSENGER AIR BA	G SKETCHES (Cont'd)
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) a. Flap width (W) height (H) H	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap width (Wu) height (Hu) Hu Hu Wu Hu Hu Hu Hu Hu Hu Hu
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS	
10 11 12 1 2 9 3 8 7 6 5 4	

	"OTHER" AIR BAG DAM	AGE AND CONTACT SKETCHES	
1. SKETCH DAMAGE AND	CONTACT EVIDENCE ON "	OTHER" AIR BAG (Front)	
2. SKETCH DAMAGE AND	CONTACT EVIDENCE ON "	OTHER" AIR BAG (Back)	
·			

			· ·	
	"OTHER" AIR BAG SK	ETCHES (Cont'd)		
3. SKETCH AIR BAG MODULE FLAP	AND SIZE OR OPENING F	OR AIRBAG		
•				
4. SKETCH AIR BAG VENT PORTS		•		÷ 5
			•	

HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
	Head Restraint Type/Damage	3	6	3
F I R	Seat Type	03	63	03
	Seat Performance	ĺ	/	/
S	Seat Orientation	1	/	
Т	Seat Track Position	6	6	6
	Seat Back Incline Pre/Post Impact	0/	Of	Ól
	Head Restraint Type/Damage			
S	Seat Type			
E C	Seat Performance			
0	Seat Orientation			
N D	Seat Track Position			
	Seat Back Incline Pre/Post Impact	1	}	1
	Head Restraint Type/Damage			
T	Seat Type			
H	Seat Performance			
R	Seat Orientation			
	Seat Track Position			
	Seat Back Incline Pre/Post Impact)
	Head Restraint Type/Damage			
0 T H	Seat Type			
	Seat Performance	X	X	X
E R	Seat Orientation			
	Seat Track Position	(()	
	Seat Back Incline Pre/Post Impact) 	· · · · · · · · · · · · · · · · · · ·) .

DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE
(I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

HEAD RESTRAINTS/SEAT EVALUATION

Head Restraint Type/Damage by Occupant at This Occupant Position Position)

- (0) No head restraints
- (1) Integral no damage
- (2) Integral damaged during accident
- (3) Adjustable no damage(4) Adjustable damaged during accident
- (5) Add-on no damage
- (6) Add-on damaged during accident
- (8) Other
- Specify): (9) Unknown

Seat Type (this Occupant Position)

- (00) Occupant not seated or no seat
- (01) Bucket
- Bucket with folding back (02)
- (03)Bench
- (04) Bench with separate back cushions
- (05) Bench with folding back(s)
- Split bench with separate (06)back cushions
- (07) Split bench with folding back(s)
- (08) Pedestal (i.e., column supported)
- (09) Other seat type (specify):
- (10) Box mounted seat (i.e., van type)
- (99) Unknown

Seat Performance (this Occupant

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- (2) Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify):
- (4) Seat tracks/anchors failed
- (5) Deformed by impact of occupant
- Deformed by passenger compartment intrusion (specify):
- (7) Combination of above (specify):
- (8) Other (specify):
- (9) Unknown

Seat Orientation (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) Forward facing seat
- (2) Rear facing seat
- (3) Side facing seat (inward)
- Side facing seat (outward)
- (8) Other (specify):
- (9) Unknown

Seat Track Adjusted Position Prior To Impact

- (0) Occupant not seated or no seat
- (1) Non-adjustable seat track

Adjustable Seat Track

- (2) Seat at forward most track position
- (3) Seat between forward most and middle track positions
- (4) Seat at middle track position
- (5) Seat between middle and rear most track positions
- (6) Seat at rear most track position
- (9) Unknown

Seat Back Incline Prior and Post Impact

(00) Occupant not seated or no seat

(01) Not adjustable

Upright prior to impact (11) Moved to completely rearward position

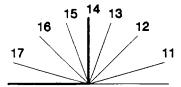
- Moved to rearward midrange (12)position
- Moved to slightly rearward (13)position
- (14)Retained pre-impact position
- (15)Moved to slightly forward position
- (16)Moved to forward midrange position
- Moved to completely forward (17)position

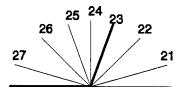
Slightly reclined prior to impact

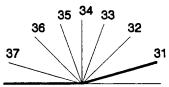
- Moved to completely rearward (21)position
- (22)Moved to rearward midrange position
- (23)Retained pre-impact postion
- (24)Moved to upright position
- (25) Moved to slightly forward position
- Moved to forward midrange (26)position
- (27)Moved to completely forward position

Completely reclined prior to impact

- (31)Retained pre-impact position
- Moved to rearward midrange (32)position
- (33)Moved to slightly rearward position
- (34)Moved to upright position
- (35)Moved to slightly forward position
- (36)Moved to forward midrange position
- (37)Moved to completely forward position
- (99) Unknown







Coding diagrams for Seat Back Incline Position Prior and Post Impact

CHILD SAFE	TY SEAT F	IELD ASSI	ESSMENT		
When a child safety seat is present enter the the occupant's number using the codes list	occupant's n	umber in the f	irst row and co	emplete the col hild safety sea	umn below it present.
Occupant Number	u				
Type of Child Safety Seat					
Child Safety Seat Orientation	// /	1			
3. Child Safety Seat Harness Usage	10/				
4. Child Safety Seat Shield Usage					
5. Child Safety Seat Tether Usage			((
6. Child Safety Seat Make/Model	Speci	fy Below for E	ach Child Safe	ty Seat	
Type of Child Safety Seat		4. Child Sat	ety Seat Shiel	d Usage	
 (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify) 	<i>(</i>):	Note: Op (OO) No Not Design	ety Seat Tether tions Below A child safety se gned with Harr er market harn	re Used for Va eat ness/Shield/Te	ther
 (8) Unknown child safety seat type (9) Unknown if child safety seat used 2. Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): 		add (O2) Aftd (O3) Chill hard (O9) Unk add Designed (11) Har (12) Har	led, not used led, not used ler market harn ld safety seat leness/shield/tet wown if harness with Harness ness/shield/tet known if harne	ess/shield/tethused, but no a her added ss/shield/tether /Shield/Tether her not used her used	ner used Ifter market er
(09) Unknown orientation Designed for Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify):		(21) Har (22) Har (29) Unk (99) Unk	n If Designed V ness/shield/tet ness/shield/tet nown if harne nown if child	her not used her used ss/shield/tethe safety seat us	er used
(19) Unknown orientation		6. Child Saf (Specify	ety Seat Make make/model ar	/Model nd occupant n	umber)
Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify):					
(29) Unknown orientation		-	·		
(99) Unknown if child safety seat used		•			

3. Child Safety Seat Harness Usage

	E	JECTION/I	ENTRAPN	MENT DA	TA			
Com	nplete the following if the researche vehicle. Code the appropriate	cher has any i data on the	ndication th Occupant A	at an occup ssessment l	ant was eit Form.	her ejected	from or enti	apped
	CTION No [] Yes [] cribe indications of ejection and		volved in pa	rtial ejectio	n(s):			
	· · · · · · · · · · · · · · · · · · ·							
· · · · · · · · · · · · · · · · · · ·								
			·					
							·	
		T	T		<u> </u>			1
	Occupant Number							
	Ejection			·				
	(Note on Vehicle Interior Sketch) Ejection Area							
	Ejection Medium		·					
	Medium Status		·					
(2)	tion Complete ejection Partial ejection Ejection, Unknown degree Unknown		area (e.g., p, etc.) (spe		(8) O	ntegral struc ther medium nknown n Status (Im	n (specify):	Prior
(1) (2) (3) (4) (5)	tion Area) Windshield) Left front) Right front) Left rear) Right rear) Rear	(2) Nonfi: (3) Fixed	hatch/tailga xed roof str	ucture	to Impa (1) O (2) C (3) Ir	act)		
ENTI	RAPMENT No [] Yes	[]						
Desc	ribe entrapment mechanism:							
								•
Com	ponent(s):							
(Note	e in vehicle interior diagram)							



U.S. Department of Transportation

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

National Highway Traffic Safety

Administration	CRASHWURTHINESS DATA SYSTEM
1. Primary Sampling Unit Number	OCCUPANT'S SEATING
2. Case Number - Stratum / 4 9 A	10. Occupant's Seat Position Front Seat
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number	(13) Right side
OCCUPANT'S CHARACTERISTICS	(14) Other (specify):(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown 7 2 inches X 2.54 = centimeters	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknown 180 pounds X .4536 = kilograms	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat (4) Sitting sideways or turned to talk with another
9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown
	(o) Olikilowii

EJECTION/	ENTRAPMENT
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown	15. Medium Status (Immediately Prior To Impact) (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown
13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown	16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrained (2) Could not exit vehicle due to jammed doors, fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconscious or disoriented
14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown	(2) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown

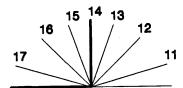
	BELT SYSTEM	M FUNCTION
() () () () ()	Manual (Active) Belt System Availability O) None available 1) Belt removed/destroyed 2) Shoulder belt 3) Lap belt 4) Lap and shoulder belt 5) Belt available—type unknown Integral Belt Partially Destroyed 6) Shoulder belt (lap belt destroyed/removed) 7) Lap belt (shoulder belt destroyed/removed) 8) Other belt (specify):	22. Shoulder Belt Upper Anchorage Adjustment (0) No shoulder belt (1) No upper anchorage adjustment for shoulder belt Adjustable shoulder Belt Upper Anchorage (2) In full up position (3) In mid position (4) In full down position (5) Position unknown (9) Unknown if position has adjustable upper anchorage adjustment
19. (9) Unknown Manual (Active) Belt System Use OO) None used, not available, or belt removed/destroyed O1) Inoperative (specify): O2) Shoulder belt O3) Lap belt U4) Lap and shoulder belt O5) Belt used—type unknown O6) Other belt used (specify): 12) Shoulder belt used with child safety seat 13) Lap belt used with child safety seat 14) Lap and shoulder belt used with child safety seat 15) Belt used with child safety seat—type unknown Other belt used with child safety seat (specify):	23. Automatic (Passive) Belt System Availability/ Function (0) Not equipped/not available (1) 2 point automatic belts (2) 3 point automatic belts (3) Automatic belts - type unknown Non-functional (4) Automatic belts destroyed or rendered inoperative (9) Unknown 24. Automatic (Passive) Belt System Use (0) Not equipped/not available/destroyed or rendered inoperative (1) Automatic belt in use (2) Automatic belt not in use (manually disconnected, motorized track inoperative) (specify): (3) Automatic belt use unknown (9) Unknown
20. [Proper Use of Manual (Active) Belts O) None used or not available 1) Belt used properly (2) Belt used properly with child safety seat Belt Used Improperly (3) Shoulder belt worn under arm (4) Shoulder belt worn behind back or seat (5) Belt worn around more than one person (6) Lap belt worn on abdomen (7) Lap belt or lap and shoulder belt used improperly with child safety seat (specify): (8) Other improper use of manual belt system (specify):	(0) Not equipped/not available (1) Non-motorized system (2) Motorized system (9) Unknown 26. Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used improperly
21.	Manual (Active) Belt Failure Modes During Accident (0) No manual belt used or not available (1) No manual belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other manual belt failure (specify):	with child safety seat (specify): (8) Other improper use of automatic belt system (specify): (9) Unknown 27. Automatic (Passive) Belt Failure Modes During Accident (0) Not equipped/not available/not in use (1) No automatic belt failure(s) (2) Torn webbing (stretched webbing not included) (3) Broken buckle or latchplate (4) Upper anchorage separated (5) Other anchorage separated (specify): (6) Broken retractor (7) Combination of above (specify): (8) Other automatic belt failure (specify):

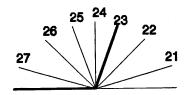
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify):	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown
(9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Not equipped/not available/destroyed or rendered inoperative [x] Vehicle inspection [] Official injury data [x] Driver/occupant interview [] Other (specify): [] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	 33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown 34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available
	(1) No (2) Yes (specify):

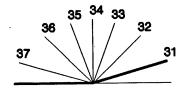
FIRST SEAT FRONTAL AIR B	AG SYSTEM EVALUATION
35. Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of Delta V For Air Bag Deployment Impact (_000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (_996) Deployment, unknown longitudinal Delta V (_997) Not deployed (_998) Unknown if deployed (_999) Unknown
36. Type of Air Bag (0) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	 41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed
37. Had Any Prior Maintenance/Service Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown	(9) Unknown 42. Were Air Bag Module Cover Flap(s) Damaged?
38. Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(7) Not deployed (8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn
39. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed
deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown 39. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed	(00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn (05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed

48. Source of Air Bag Damage (00) Not equipped/inct available (01) Not equipped/inct available (02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (18) Other damages ource (specify): (195) Damaged, unknown if damaged (197) Not deployed (198) Unknown (2) Yes (specify number of tether straps): (1) Not equipped/inct available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if deployed (8) Unknown (1) Not deployed (8) Unknown (1) Not deployed (9) Unknown (1) Not deployed (1) Unknown (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports): (3) Deployed, unknown if vent ports): (3) Deployed, unknown if vent ports present (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (2) Not equipped/not available (3) Unknown (4) Was the Air Bag in this Occupant's Position (5) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (2) Not equipped/not available (3) Unknown (4) Unknown (5) Seat Track Adjusted Position Prior To Impact (6) Occupant not seated or no seat (7) Not deployed (8) Unknown if deployed (9) Unknown (1) No adjustable Seat Track (2) Seat the forward most track position (3) Seat between indide and rear most track positions (4) Seat at middle track positions (5) Seat the ween forward most and middle track positions (6) Seat at forward most track position (9) Unknown (1) No adjustable Seat Track Adjustable Seat Track Adjustable Seat Track Adjustable Seat Track (1) Non adjustable seat frack Adjustable Seat Track (2) Seat at forward most track position (9) Unknown (1) Non adjustable seat frack (2) Seat at forward most track position (3) Seat between indicate and rear most tr		FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HEAD RESTRAINT AND SEAT EVALUATION
(O) Not equipped/not available (O1) Not damaged (O2) Object carried by occupant, (specify): (O3) Object carried by occupant, (specify): (O4) Adaptive/assistive controls, (specify): (O5) Fire in vehicle (O6) Thermal burns (O7) Rescue or emergency efforts (O8) Thermal burns (O7) Rescue or emergency efforts (O8) Deployed, unknown if damaged (O9) Unknown (O9) Unknown (O9) Unknown (O9) Unknown (O1) Not equipped/not available (O1) Not deployed (O1) Not deployed (O2) Unknown (O3) Deployed, unknown if tethered (O4) Not deployed (O6) Unknown (O7) Not deployed (O8) Unknown (O8) Deployed, unknown if tethered (O8) The Air Bag Have Vent Ports? (O8) Not equipped/not available (O8) Unknown (O9) Unknown (O8) Unknown (O9) Unknown (O8) Unknown (O9) Unkno	44	DO	40. Hodd Hoodidiit Typo/Bailiago by
(10) Not demaged (12) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (17) Rescue or emergency efforts (18) Other damages during accident (18) Other (specify): (195) Damaged, unknown source (196) Deployed, unknown source (196) Deployed, unknown if demaged (197) Not deployed (198) Unknown if deployed (198) Unknown if deployed (198) Unknown if deployed (19) Unknown if deployed (77.	(00) Not equipped/not available	
(02) Object worn by occupant, (specify): (03) Object carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other damage source (specify): (95) Dameged, unknown source (96) Deployed, unknown if deployed (97) Not deployed (98) Unknown (99) Unknown (99) Unknown (99) Unknown (1) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if deployed (9) Unknown (1) Not deployed (9) Unknown (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports? (6) Not equipped/not available (7) Not deployed (8) Unknown (1) No (2) Yes (specify) number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown (1) (o) Cocupant not seated or no seat (10) Bucket (10) Deployed, unknown if tethered (11) Bucket (10) Bucket (1			· · · · · · · · · · · · · · · · · · ·
(03) Öbject carried by occupant, (specify): (04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other demage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if demaged (97) Not deployed (98) Unknown (99) Unknown 45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if deployed (8) Unknown if deployed (9) Unknown (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if tentered (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if deployed (8) Unknown (7) Not deployed (8) Unknown (8) Unknown if deployed (9) Unknown (9) Unknown (1) No (2) Yes (specify) number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown (8) Unknown (9) Unknown (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant? (0) Not deployed (8) Unknown (47) Was the Air Bag in this Occupant? (6) Not equipped/not available (7) Not deployed (8) Unknown (5) Add-on—no damaged (6) Add-on—no damaged (6) Add-on—no damaged (6) Add-on—no damaged (6) Occupant not seated or no seat (7) Split bench with separate back cushions (6) Sear Type (this Occupant Position) (00) Occupant not seated or no seat (10) Bucket (10) Sear Type (this Occupant Position) (10) Occupant not seated or no seat (10) Sear to intention (this Occupant Position (10) Occupant not seated or no seat (11) Cocupant not seated or no seat (12) Forward facing seat (23) Sick facing seat (inward) (4) Side facing seat (inward) (5) Cocupant not seated or no seat (1) Cocupant not seated or no seat (1) C			(2) Integral—damaged during accident
(04) Adaptive/assistive controls, (specify): (05) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other demage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown (99) Unknown (99) Unknown (99) Unknown (90) Unknown (91) Unknown if tethered (91) Unknown if deployed (92) Unknown if tethered (93) Unknown (94) Unknown if deployed (95) Unknown if vent ports? (96) Not dequipped/not available (97) Not dequipped/not available (98) Unknown if deployed (99) Unknown (90) U		(03) Object carried by occupant, (specify):	(4) Adjustable—damaged during accident
(06) Fire in vehicle (06) Thermal burns (07) Rescue or emergency efforts (88) Other demage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown (99) Unknown (99) Unknown (99) Unknown (99) Unknown (90) Unkno		(04) Adaptive/assistive controls, (specify):	(6) Add-on-damaged during accident
(07) Rescue or emergency efforts (88) Other damage source (specify): (95) Damaged, unknown if damaged (97) Not deployed (99) Unknown if deployed (99) Unknown if deployed (1) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if deployed (8) Unknown if deployed (8) Unknown if deployed (9) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of tent ports): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown (9) Unknown 48. Was This Occupant Wearing Eye-wear? (0) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown if deployed (9) Unknown (9) Unknown (9) Unknown (9) Unknown (9) Unknown (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (9) Unknown (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown (1) No (2) Yes (specify): (9) Unknown (1) No (1) No (2) Ves (specify): (9) Unknown (1) No (1) No (2) Ves (specify): (9) Unknown (1) No (1) No (2) Ves (specify): (9) Unknown (1) No (1) No (2) Ves (specify): (9) Unknown (1) No (1) No (2) Ves (specify): (9) Unknown (1) No (1) No (2) Ves (specify): (2) Rear facing seat (3) Side facting seat (inv. polition) (4) Side facing seat (3) Side facting seat (3) Sid			
(88) Other damage source (specify): (95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (98) Unknown if deployed (99) Unknown 45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if deployed (8) Unknown if deployed (9) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not dequipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown 46. Did The Air Bag Have Vent Ports? (10) Not equipped/not available (11) No (2) Yes (specify): (3) Deployed, unknown if vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (10) Not equipped/not available (11) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown 48. Was This Occupant Wearing Eye-wear? (0) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown (8) Unknown (9) Unknown (9) Unknown 50. Seat Type (this Occupant Positions (04) Bench with separate back cushions (05) Sent twith folding back (s) (06) Split bench with folding back (so) (07) Split bench with folding back (so) (08) Pedestal (i.e., column supported) (09) Box mounted seat (i.e., portention (this Occupant Position) (10) Occupant not seated or no seat (1) Forward facing seat (2) Rear f			(9) Unknown
(95) Damaged, unknown source (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown 45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown (9) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown 47. Was This Occupant Wearing Eye-wear? (1) Not deployed (2) Unknown 48. Was This Occupant Wearing Eye-wear? (2) Not equipped/not available (3) Unknown 48. Was This Occupant Wearing Eye-wear? (4) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (9) Unknown			50. Seat Type (this Occupant Position)
(98) Deployed, unknown if damaged (97) Not deployed (98) Unknown (99) Unknown (90) Not equipped/not available (10) Not epoloyed (91) Unknown (93) Unknown (94) Unknown (95) Unknown (96) Deployed, unknown if tethered (97) Not deployed (98) Unknown (99) Unknown (90) Not equipped/not available (90) Unknown		(95) Damaged, unknown source	
(98) Unknown if deployed (99) Unknown 45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown 46. Did The Air Bag Have Vent Ports? (9) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if deployed (9) Unknown 46. Did The Air Bag Have Vent Ports? (1) Not deployed (8) Unknown if deployed (9) Un		(96) Deployed, unknown if damaged	(02) Bucket with folding back
(99) Unknown 45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown if deployed (9) Unknown 46. Did The Air Bag Have Vent Ports? (0) Not equipped/not available (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports? (6) Not equipped/not available (7) Not deployed (8) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (9) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (9) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown 48. Was This Occupant Wearing Eye-wear? (1) Not equipped/not available (2) Not equipped/not available (3) Unknown 48. Was This Occupant Wearing Eye-wear? (1) Not equipped/not available (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown (9) Unknown			
45. Was The Air Bag Tethered? (0) Not equipped/not available (1) No (2) Yes (specify number of tether straps): (3) Deployed, unknown if tethered (7) Not deployed (8) Unknown (9) Unknown (10) Not equipped/not available (11) No (22) Yes (specify number of vent ports? (0) Not equipped/not available (11) No (22) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown (9) Unknown (10) Occupant not seated or no seat (11) Forward facing seat (22) Rear facing seat (33) Side facing seat (inward) (44) Side facing seat (inward) (45) Side facing seat (inward) (46) Other (specify): (50) Unknown (7) Not deployed (8) Unknown if deployed (8) Unknown if deployed (9) Unknown (10) Occupant not seated or no seat (11) Non-adjustable Seat Track (12) Seat at forward most track position (13) Seat between forward most track position (14) Side facing seat (inward) (15) Seat Track Adjusted Position Prior To Impact (16) Occupant not seated or no seat (17) Non-adjustable seat track (18) Other (specify): (19) Unknown (29) Unknown (20) Ves (specify): (20) Unknown (21) Ves (specify): (22) Seat at forward most track position (23) Seat between forward most track position (24) Seat between middle and rear most track position (25) Seat between middle and rear most track position (26) Seat between middle and rear most track position (27) Not deployed (28) Unknown (29) Unknown (29) Unknown (29) Unknown (29) Unknown (20) Occupant not seated or no seat (21) Non-adjustable Seat Track (22) Seat at forward most track position (23) Seat between forward most track position (24) Seat at middle track position (25) Seat between middle and rear most track position (26) Seat is rear most track position (27) Not deployed (28) Unknown (29) Unknown (20) Occupant not seated or no seat (20) Occupant not seated or no seat (21) Non-adjustable Seat Track (22) Seat at forward most track position (23) Seat between forward most track position			
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(09) Box mounted seat (i.e., van type) (10) Other seat type (specify): (2) Yes (specify number of tether straps): (3) Deployed, unknown if deployed (8) Unknown if deployed (9) Unknown (46. Did The Air Bag Have Vent Ports? (10) Not equipped/not available (11) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown (9) Unknown (1) No (2) Yes (specify number of vent ports): (3) Deployed, unknown if deployed (9) Unknown (1) No tequipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant? (1) Not equipped/not available (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown if deployed (9) Unknown (1) Not deployed (10) Other seat type (specify): (1) Occupant not seated or no seat (1) Non-adjustable seat (inward) (2) Seat Track Adjusted Position Prior To Impact (1) Non-adjustable seat track (2) Seat at track (2) Seat at track (2) Seat at track (2) Seat at frack (3) Seat between forward most and middle track position (3) Seat between middle and rear most track position (5) Seat between middle and rear most track position (6) Seat at rear most track position (7) Not deployed, unknown if eyewear worn (8) Unknown (9) Unknown (1) No (1) Ves (specify): (10) Other seat type (specify): (10) Other seat type (specify): (11) Forward facing seat (12) Rear facing seat (13) Side facing seat (outward) (14) Side facing seat (outward) (15) Other seat type (specify): (16) Occupant not seated or no seat (17) Non-adjustable Seat Track (18) Other (specify): (19) Unknown (19) Unknown (10) Occupant not seated or no seat (10) Occupant not seated or no seat (11) Non-adjustable Seat Track (22) Seat at rear word most and middle track position (3) Seat between middle and rear most track position (6) Seat at rear most track position (6) Seat at rear most track position (7) Not deployed	45.	Was The Air Bag Tethered?	(07) Split bench with folding back(s)
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(3) Deployed, unknown if vent ports present (7) Not deployed (8) Unknown if deployed (9) Unknown 47. Was the Air Bag in this Occupant's Position Contacted by Another Occupant? (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown (8) Unknown 48. Was This Occupant Wearing Eye-wear? (0) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed (8) Unknown			
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(1) No (2) Yes (specify): (3) Deployed, unknown if other occupant contact to air bag (7) Not deployed (8) Unknown (9) Unknown 48. Was This Occupant Wearing Eye-wear? (0) Not equipped/not available (1) No (2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed			
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(2) Eyeglasses/sunglasses (3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed			•
(3) Contact lenses (4) Deployed, unknown if eyewear worn (7) Not deployed			
(4) Deployed, unknown if eyewear worn (7) Not deployed			
		(4) Deployed, unknown if eyewear worn	
(o) Unknown ii deployed			
(9) Unknown	1		

	HEAD RESTRAINT AND SEA	T EVALUATION continued
53 .	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
-	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 24 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
54	 Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): 	
	 (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify): 	
	(7) Combination of above (specify):	
	(8) Other (specify):(9) Unknown	







CHILD SAFETY SEAT 55. Child Safety Seat Make/Model (000) No child safety seat Applicable codes are found in your NASS CDS Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify): (998) Unknown make/model (999) Unknown if child safety seat used 56. Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat - with shield (5) Booster seat - without shield (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used 57. Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing (02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify): (29) Unknown orientation (99) Unknown if child safety seat used

58. Child Safety Seat Harness Usage

00

59. Child Safety Seat Shield Usage

ND

60. Child Safety Seat Tether Usage

00

Note: Options below applicable to Variables OA58-OA60.

(OO) No child safety seat

Not Designed With Harness/Shield/Tether

- (01) After market harness/shield/tether added, not used
- (02) After market harness/shield/tether used
- (03) Child safety seat used, but no after market harness/shield/tether added
- (09) Unknown if harness/shield/tether added or used

Designed With Harness/Shield/Tether

- (11) Harness/shield/tether not used
- (12) Harness/shield/tether used
- (19) Unknown if harness/shield/tether used

Unknown If Designed With Harness/Shield/Tether

- (21) Harness/shield/tether not used
- (22) Harness/shield/tether used
- (29) Unknown if harness/shield/tether used
- (99) Unknown if child safety seat used

INJURY CONSEQUENCES 61. Injury Severity (Police Rating) 63. Type Of Medical Facility (for Initial Treatment) (0) Not treated at a medical facility (0) O - No injury (1) Trauma center (1) C - Possible injury (2) Hospital (2) B - Nonincapacitating injury (3) Medical clinic (3) A - Incapacitating injury (4) Physician's office (4) K - Killed (5) Treatment later at medical facility (5) U - Injury, severity unknown (8) Other (specify): (6) Died prior to accident (9) Unknown (9) Unknown 62. Treatment - Mortality 64. Hospital Stay (0) No treatment (00) Not Hospitalized (1) Fatal Code the number of days (up through 60) (2) Fatal - ruled disease (specify): that the occupant stayed in hospital. (61) 61 days or more (99) Unknown Nonfatal (3) Hospitalization 65. Working Days Lost (4) Transported and released Code the number of days (5) Treatment at scene - nontransported (up through 60) that the occupant (6) Treatment later lost from work due to the accident (7) Treatment - other (specify): (00) No working days lost (61) 61 days or more (8) Transported to a medical facility-unknown if (62) Fatally injured treated (97) Not working prior to accident (9) Unknown (99) Unknown

STOP WORK HERE

VARIABLES 66-74

TO BE CODED BY THE ZONE CENTER

TO BE CODED BY THE ZONE CENTER

INJURY CONSEQUENCES	TRAUMA DATA
Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67. 1st Medically Reported Cause of Death	72. Was the Occupant Given Blood? (1) No - blood not given
68. 2nd Medically Reported Cause of Death	(2) Yes - blood given (specify units): (9) Unknown if blood given
69. 3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported, HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
(97) Other result (includes fatal ruled disease) (specify):	BELT USE DETERMINATION
70. Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

Administration

U.S. Department of Transportation National Highway Traffic Safety

OCCUPANT INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

1. Primary Sampling Unit Number

3. Vehicle Number

02

2. Case Number - Stratum

4. Occupant Number

01

INJURY DATA-

Record below the actual injuries sustained by this occupant that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than ten injuries have been documented, encode the balance on the Occupant Injury Supplement.

		Source of Injury Data	Body Region	Type o Anatom Structur	ic Anatomic	90 Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Occupant Area Intrusion Number
fout	1st	5.7	6. 2	7. <u>9</u>	8. <u>06</u>	9. <u>00</u>	10. <u>/</u>	11. 7 12.	402	13. 2	14.3	15. 00
Shoul	2nd	16. <u>1</u>	17	18. 4	19. 04	20. <u>02</u>	21. 🖊	22. 2 23.	152	24. /	25. <u>/</u>	26
dust	Con	27	28. 4	29. <u>9</u>	30. <u>04</u>	31. <u>0</u> 2	32/	33.2 34.	152	35. <u>/</u> :	36. <u>/</u>	37. <u>07</u>
bola	Cost	38. 7	39.5	40. <u>9</u>	41. <u>84</u>	42. <u>02</u>	43. 🖊	44. 7 45.	152	46	47	48
	5th	49	50	51	52	53	54	55 56.		57	58	59
į	6th	60	61	62	63	64	65	66 67.		68	69	70
	7th	71	72	73	74	75	76	77 78.		79	3 0	81
	8th	82	83	84	85	86	87	88 89.		90	91	92
	9th	93	94	95	96	97	98	99 100.	· <u>— —</u> —	101 10	02 1	03
	1 Oth	104	105	106	107	108	109	110 111.	·	112 1	13 1	14

OCCUPANT INJURY DATA Occupant Injury A.I.S. - 90 Area Source Direct/ Specific Type of Source Intrusion Indirect Confidence Anatomic Anatomic Level of A.I.S. Injury of Injury Body Number Level Injury Structure Injury Severity Aspect Source Structure Data Region 11th 12th 13th 14th 15th 16th 17th 18th 19th 20th 21st 22nd 23rd 24th 25th

OCCUPANT INJURY CLASSIFICATION

Body Region

- Head
- (2)Face
- (3)Neck
- (4)Thorax
- (5) Abdomen
- (6)Spine
- (7)**Upper Extremity**
- (8)Lower Extremity
- Unspecified (9)

Type of Anatomic Structure

- Whole Area (1)
- (2) Vessels
- (3)Nerves
- Organs (includes (4)Muscles/ligaments)
- (5) Skeletal (includes joints)
- (6)Head - LOC
- Skin (9)

Specific Anatomic Structure

Vessels, Nerves, Organs. Bones, Joints are assigned consecutive two digit numbers beginning with 02.

The exceptions to this rule apply to:

Whole Area

- (02) Skin Abrasion
- (04) Skin Contusion
- (06) Skin Laceration
- (08) Skin Avulsion
- (10) Amputation
- (20) Burn
- (30) Crush
- (40) Degloving
- Injury NFS (50)
- Trauma, other than (90) mechanical

Head - LOC

(02) Length of LOC

- (04) Level
- (06) of
- (08) Consciousness
- (10) Concussion

Spine

- (02) Cervical
- (04) Thoracic
- (06) Lumbar

Level of Injury

Specific injuries are assigned consecutive two-digit numbers beginning with 02.

To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity.

Abbreviated Injury Scale

- (1)Minor Injury
- Moderate Injury (2)
- (3)Serious Injury
- (4)Severe Injury
- (5) Critical Injury (6)Maximum
- (untreatable)
- Injured, unknown (7)severity

Aspect

- (1)Right
- (2) Left
- (3)Bilateral
- (4)Central
- (5) Anterior
- (6)**Posterior**
- (7)Superior (8) Inferior
- (9)Unknown
- (0) Whole region

SOURCE OF INJURY DATA

CONFIDENCE LEVEL

(3) Possible

(9) Unknown

OFFICIAL RECORDS

- (1) Autopsy records with or without hospital/medical records
- (2) Hospital/medical records other than emergency room (e.g., discharge summary)
- (3) Emergency room records only (including associated X-rays or other lab reports)
- (4) Private physician, walk-in or emergency clinic

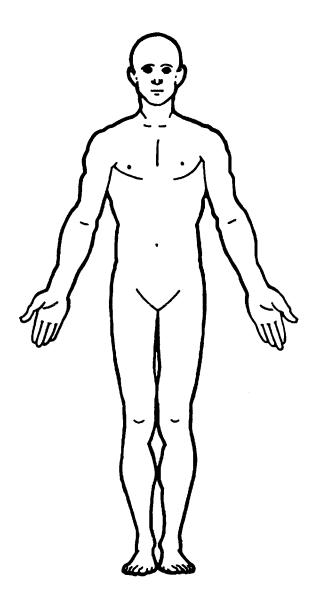
UNOFFICIAL RECORDS

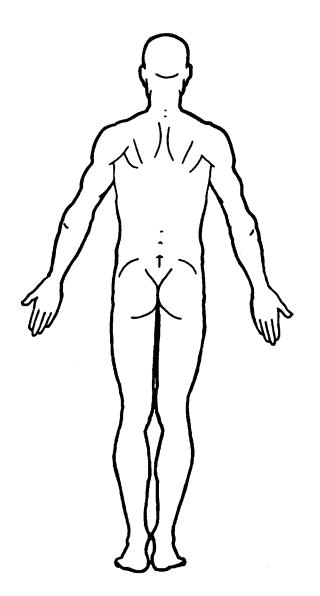
- (5) Lay coroner report
- (6) E.M.S. personnel
- (7) Interviewee
- (8) Other source (specify):
- (9) Police

INJURY SOURCE DIRECT/INDIRECT INJURY

- Direct contact injury (1) Certain (1) (2) Probable (2) Indirect contact injury
 - Noncontact injury
 - (7) Injured, unknown source

			INJURY	Joon	020		
FRONT		(102)	Right side hardware or	(183)	Air bag-passenger side and	(411)	Wall mounted head rest
001)	Windshield		armrest		object held		(used behind wheel chair)
002)	Mirror	(103)	Right A (A1/A2)-pillar	(184)	Air bag-passenger side and	(412)	Other adaptive device
003)	Sunvisor	(104)	Right B-pillar		object in mouth		(specify):
004)	Steering wheel rim	(105)	Other right pillar (specify):	(185)	Air bag compartment		
005)	Steering wheel hub/spoke				cover-passenger side		
006)	Steering wheel (combination	(106)	Right side window glass	(186)	Air bag compartment	EXTER	RIOR of OCCUPANT'S
	of codes 004 and 005)	(107)	Right side window frame		cover-passenger side and	VEHIC	CLE
007)	Steering column,	(108)	Right side window sill		eyewear	(451)	Hood
	transmission selector lever.	(109)	Right side window glass	(187)	Air bag compartment	(452)	Outside hardware (e.g.,
	other attachment	,	including one or more of the		cover-passenger side and	,	outside mirror, antenna)
0081	Cellular telephone or CB		following: frame, window		jewelry	(453)	Other exterior surface or
000,	radio		sill, A (A1/A2)-pillar, B-pillar,	(188)	Air bag compartment	(400)	tires (specify):
~~a	Add on equipment (e.g.,		or roof side rail.	(100)	- · · · · · · · · · · · · · · · · · · ·		thes (specify).
0091		(110)			cover-passenger side and		
	tape deck, air conditioner)	(110)	Other right side object		object held		
010)	Left instrument panel and		(specify):	(189)	Air bag compartment	(454)	Unknown exterior objects
	below				cover-passenger side and		
011)	Center instrument panel and				object in mouth		RIOR OF OTHER MOTOR
	below	INTER	IOR	(190)	Other air bag (specify)	VEHIC	CLE
012)	Right instrument panel and	(151)	Seat, back support			(501)	Front bumper
	below	(152)	Belt restraint	(195)	Other air bag compartment	(502)	Hood edge
(013)	Glove compartment door		webbing/buckle		cover (specify)	(503)	Other front of vehicle
(014)	Knee bolster	(153)	Belt restraint B-pillar or door				(specify):
015)	Windshield including one or		frame attachment point				
	more of the following: front	(154)	Other restraint system	ROOF		(504)	Hood
	header, A (A1/A2)-pillar,		component (specify):	(201)	Front header	(505)	Hood ornament
	instrument panel, mirror, or		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Rear header		Windshield, roof rail, A-pilla
	steering assembly (driver	(155)	Head restraint system		Roof left side rail		Side surface
	side only)		Other occupants (specify):		Roof right side rail	(508)	
016)	Windshield including one or	(100)	other occupants (specify).		Roof or convertible top		Other side protrusions
010,	.	/161\	Interior loose objects	(205)	hoor or convertible top	(505)	•
	more of the following: front		•	EL 001			(specify):
	header, A (A1/A2)-pillar,	(102)	Child safety seat (specify):	FLOOI			
	instrument panel, or mirror				Floor (including toe pan)		Rear surface
	(passenger side only)	(163)	Other interior object	(252)	Floor or console mounted		Undercarriage
(017)	Windshield reinforced by		(specify):		transmission lever, including		Tires and wheels
	exterior object (specify)				console	(513)	Other exterior of other
				(253)	Parking brake handle		motor vehicle (specify):
(019)	Other front object (specify):	AIR B	AG	(254)	Foot controls including		
		(170)	Air bag-driver side		parking brake		
		(171)	Air bag-driver side and			(514)	Unknown exterior of other
LEFT S	SIDE		eyewear	REAR			motor vehicle
(051)	Left side interior surface,	(172)	Air bag-driver side and	(301)	Backlight (rear window)		
	excluding hardware or		jewelry		Backlight storage rack,	OTHE	R VEHICLE OR OBJECT IN
	armrests	(173)	Air bag-driver side and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	door, etc.		NVIRONMENT
(052)	Left side hardware or	(object held	(303)	Other rear object (specify):		Ground
1	armrest	(174)	Air bag-driver side and	,303/	Carsi rear object (apecity).		Other vehicle or object
(052)	Left A (A1/A2)-pillar	· · · - · ·	object in mouth			(050)	•
	Left B-pillar	/1751	=	ADAD	TIVE (ACCICTIVE) DONABLE		(specify):
	· · · · · · · · · · · · · · · · · · ·	(175)	Air bag compartment		TIVE (ASSISTIVE) DRIVING	(500-	Habana askiala asaki a
(000)	Other left pillar (specify):	(*76)	cover-driver side		MENT	(599)	Unknown vehicle or object
OF 61	Lafa sida suit desse et	(1/6)	Air bag compartment	(401)	Hand controls for		
	Left side window glass		cover-driver side and		braking/acceleration		CONTACT INJURY
	Left side window frame		eyewear	(402)	Steering control devices	(601)	Fire in vehicle
	Left side window sill	(177)	Air bag compartment		(attached to OEM steering	(602)	Flying glass
(059)	Left side window glass		cover-driver side and jewelry		wheel)	(603)	Other noncontact injury
	including one or more of the	(178)	Air bag compartment	(403)	Steering knob attached to		source
	following: frame, window		cover-driver side and object		steering wheel		(specify):
	sill, A (A1/A2)-pillar, B-pillar,		held	(405)	Replacement steering wheel	(604)	Air bag exhaust gases
	or roof side rail.	(179)	Air bag compartment		(i.e., reduced diameter)		Injured, unknown source
(060)	Other left side object		cover-driver side and object	(406)	Joy stick steering controls		/=:==, =:
,	(specify):		in mouth				
	(Specify).	/1901			Wheelchair tie-downs		
			Air bag-passenger side	(408)	Modification to seat belts,		
D10:	CIDE	(181)	Air bag-passenger side and		(specify):		
RIGHT			eyewear	(409)	Additional or relocated		
(101)	Right side interior surface,	(182)	Air bag-passenger side and		switches, (specify):		
			:				
	excluding hardware or		jewelry				

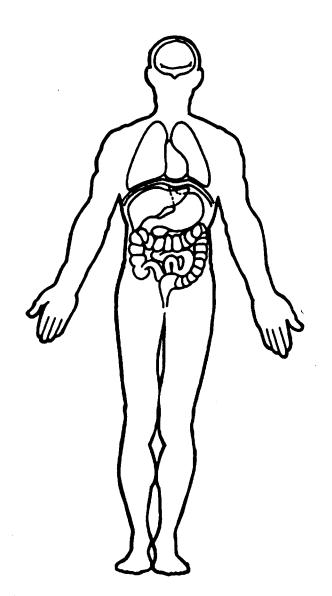


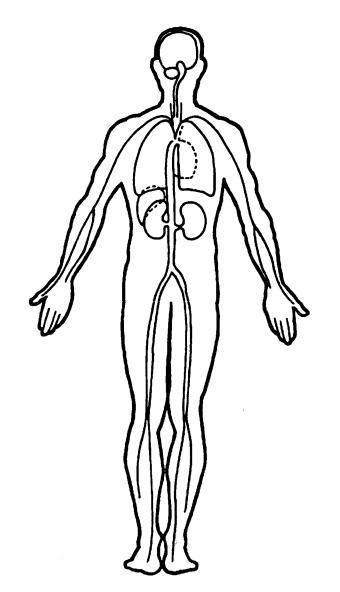


	OFFICIAL INJURY DATA — SKELETAL INJURIES
Restrained? No Yes	Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)
Blood Alcohol Level (mg/dl) BAL =	
Glasgow Coma Scale Score GCSS =	
Units of Blood Given Units =	
Arterial Blood Gases pH = PO ₂ =	
PCO ₂	

OFFICIAL INJURY DATA -INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





Vatio	nal Accident Sampling System-Crashworthiness	s Data	a Sys	tem: General Vehicle Form	Page 2
	PRECRASH ENVIRONMENTAL DATA	\sim		Roadway Surface Condition	
19.	Relation To Interchange Or Junction (0) Non-interchange area and non-junction (1) Interchange area related Non-Interchange junctions (2) Intersection related (3) Driveway, alley access related (4) Other junction (specify)	<u> </u>		 (1) Dry (2) Wet (3) Snow or slush (4) Ice (5) Sand, dirt, or oil (8) Other (specify): (9) Unknown 	
	(5) Unknown type of junction (9) Unknown			Light Conditions (1) Daylight (2) Dark (3) Dark, but lighted (4) Dawn (5) Dusk	1
20.	Trafficway Flow (0) Not physically divided (two way traffic) (1) Divided trafficway-median strip without positive barrier (2) Divided trafficway-median strip with positiv barrier (3) One way traffic (9) Unknown	O e	27.	(9) Unknown Atmospheric Conditions (0) No adverse atmospheric-related driving conditions (1) Rain (2) Sleet/hail (3) Snow	D
21.	Number Of Travel Lanes (1) One (2) Two (3) Three (4) Four (5) Five (6) Six (7) Seven or more (9) Unknown	2	28.	 (4) Fog (5) Rain and fog (6) Sleet and fog (7) Other (e.g., smog, smoke, blowing sand dust, etc.) (specify): (9) Unknown Traffic Control Device (0) No traffic control(s) 	d or
22.	Roadway Alignment (1) Straight (2) Curve right (3) Curve left (9) Unknown			 (1) Traffic control signal (not RR crossing) Regulatory (2) Stop sign (3) Yield sign (4) School zone sign (5) Other regulatory sign (specify): 	
23.	Roadway Profile (1) Level (2) Uphill grade (>2%) (3) Hill crest (4) Downhill grade (>2%) (5) Sag (9) Unknown			(6) Warning sign (not RR crossing) (7) Unknown sign (8) Miscellaneous/other controls including f controls (specify): (9) Unknown	RR
24.	Roadway Surface Type (1) Concrete (2) Bituminous (asphalt) (3) Brick or block (4) Slag, gravel, or stone (5) Dirt (8) Other (specify): (9) Unknown	2		Traffic Control Device Functioning (0) No traffic control device (1) Traffic control device not functioning (specify): (2) Traffic control device functioning prope (9) Unknown	<u>2</u>

√3 Page 5

OCCUPANT RELATED	44. Vehicle Cargo Weight $\partial_{x} \partial_{y} \partial_{y$
37. Driver Presence in Vehicle (0) Driver not present (1) Driver present (9) Unknown	Code weight to nearest 10 kilograms. (000) Less than 5 kilograms (450) 4,500 kilograms or more (999) Unknown
38. Number of Occupants This Vehicle (00-96) Code actual number of occupants for this vehicle (97) 97 or more (99) Unknown	, lbs X .4536 =, kgs Source:
39. Number of Occupant Forms Submitted	(00) No rollover (no overturning)
AIR BAG RELATED 40. Is this an AOPS Vehicle? (0) No (includes unknown) (1) Yes - researcher determined (2) VIN determined air bag system	Rollover (primarily about the longitudinal axis) (01-16) Code the number of quarter turns (17) Rollover, 17 or more quarter turns (specify): (98) Rolloverend-over-end (i.e., primarily about the lateral axis) (99) Rollover (overturn), details unknown
(3) VIN determined automatic (passive) belts (4) VIN determined air bag and automatic (passive) belts 41. Air Bag(s) Deployment, First Seat Frontal	46. Rollover Initiation Type (00) No rollover (01) Trip-over (02) Flip-over
(0) Not equipped or not available (1) No air bags deployed Single Air Bag Vehicle (2) Driver air bag deployed	(O3) Turn-over (O4) Climb-over (O5) Fall-over (O6) Bounce-over
(3) Driver air bag, unknown if deployed Multiple Air Bag Vehicle (4) Driver side only deployed (5) Passenger side only deployed (6) Driver and passenger side deployed (7) Driver and passenger side unknown if deployed (8) Air bag(s) deployed, details unknown (9) Unknown	(07) Collision with another vehicle (08) Other rollover initiation type specify): (98) Rolloverend-over-end (99) Unknown rollover initiation type 47. Location of Rollover Initiation (0) No rollover (1) On roadway (2) On shoulder—paved (3) On shoulder—unpaved
42. Air Bag(s) Deployment, Other Than First Seat Frontal (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident	 (4) On roadside or divided trafficway median (8) Rolloverend-over-end (9) Unknown 48. Rollover Initiation Object Contacted (Note: Applicable codes on back of page)
 (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown Specify type of "other" air bag present:	49. Location on Vehicle Where Initial Principal Tripping Force Is Applied (0) No rollover (1) Wheels/tires (2) Side plane (3) End plane (4) Undercarriage (5) Other location on vehicle (specify):
	(6) Non-contact rollover forces (specify):
VEHICLE WEIGHT ITEMS	(8) Rolloverend-over-end (9) Unknown
43. Vehicle Curb Weight 1 29 Code weight to nearest 10 kilograms. (045) Less than 450 kilograms (610) 6,100 kilograms or more (999) Unknown	50. Direction of Initial Roll (0) No rollover (1) Roll right - primarily about the longitudinal axis (2) Roll left - primarily about the longitudinal axis (8) Rolloverend-over-end (9) Unknown roll direction

CODES FOR ROLLOVER INITIATION OBJECT CONTACTED

(00) No rollover	(57) Fence
(01-30) — Vehicle Number	(58) Wall
	(59) Building
Noncollision	(60) Ditch or culvert
(31) Turn-over — fall-over	(61) Ground
(32) No rollover impact initiation (end-over-end)	(62) Fire hydrant
(34) Jackknife	(63) Curb
	(64) Bridge
Collision With Fixed Object	(68) Other fixed object (specify):
(41) Tree (≤ 10 cm in diameter)	
(42) Tree (> 10 cm in diameter)	(69) Unknown fixed object
(43) Shrubbery or bush	
(44) Embankment	Collision with Nonfixed Object
()) =	(70) Passenger car, light truck, van, or other
(45) Breakaway pole or post (any diameter)	vehicle not in-transport
(10) Distinction post (and all all all all all all all all all al	(71) Medium/heavy truck or bus not in-transport
Nonbreakaway Pole or Post	(76) Animal
(50) Pole or post (≤ 10 cm in diameter)	(77) Train
(51) Pole or post ($>$ 10 cm but \le 30 cm in	(78) Trailer, disconnected in transport
diameter)	(79) Object fell from vehicle in-transport
(52) Pole or post (> 30 cm in diameter)	(88) Other nonfixed object (specify):
(53) Pole or post (diameter unknown)	(00) Other Hellinga object (openly)
(55) Tole of post (diameter disknown)	(89) Unknown nonfixed object
(54) Concrete traffic barrier	(00) Chkhown hombad object
(55) Impact attenuator	(98) Other event (specify):
(56) Other traffic barrier (includes guardrail)	(30) Other event (speeny).
(specify):	(99) Unknown event or object
(Specify).	(33) Officiowiff event of object
•	



•	onal Highway Traffic Safety EXTERIOR VEHICLE FOR			ORM	NATIONAL ACCIDENT SAMPLING SYSTI CRASHWORTHINESS DATA SYSTI				SYSTEM SYSTEM			
1. Primary Sampling Unit Number 2. Case Number - Stratum				3.	Vehicle	Numbe	r				3	
		V	EHICLE IC	ENTIF	ICATI	ON						
VIN 2	MEPMS	3 6 X	9 9 8	3					Model Ye			
	ıké (specify): <u>M</u> ø			_ ` `	∕ehicle l	Model (s	pecify):	To	pa	Z 9	lbr.	
				CATO								
Locate the	end of the damage amaged axle for side	with respect impacts.	to the vehi	cle long	jitudinal	center	line or b	umper c	orner fo	or end in	npacts	
Specific Impa	ct No. Location of	of Direct Damag			Location	of Field L	•		ocation of	f Max Cru	ish	ı
1	begin 590	on (b) of			<u>So</u>	me			cm(y off	ytro	ک
	Corner 7	toward	(R) Front					<u> </u>	OVAR	<u>~~</u>		
	Corne		H PROFIL									
i F t s	Measure C1 to C6 fr mpacts. Free space value is c the individual C local side taper, etc. Rec Use as many lines/c	defined as th tions. This r ord the value	e distance b may include e for each C	etweer the foll -measu	n the ba lowing: rement	seline a bumper and ma	nd the d lead, b ximum d	original l umper t	oody co	ntour ta	iken at usion,	
Specific	Plane of Impact	Direct Da		Field				_		_	±D	
Impact Number	C-Measurements	Width (CDC)	Max Crush	L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆		
	Hood Top	32	33	32							-12	ľ
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ORIGINAL SPECIFICATIONS WORK SHEET

Wheelbase	99.9 inches	x 2.54	=	2 <u>5</u> 4cm
Overall Length	177.0 inches	x 2.54	=	45-0cm
Maximum Width	68.3 inches	x 2.54	=	<u> 173</u> cm
Curb Weight	2600 pounds	x .4536	-	_1, <u>179</u> kg
Average Track	<u>56.3</u> inches	x 2.54	=	<u>/ 43</u> cm
Front Overhang		x 2.54	=	<u>87</u> cm
Rear Overhang	<u>42.7</u> inches	x 2.54	=	1 8 cm
Undeformed End Width	inches	x 2.54	=	cm
Engine Size: cyl./displ.	сс	x .001	=	L
	CID	x .0164	=	L

National Accident Sampling Systemic	rashworthiness Data System: Exterior Vehicle	Tolli Tage 2
	VEHICLE DAMAGE SKETCH	
TIRE—WHEEL DAMAGE a. Rotation physically b. Tire restricted deflated RF 2 RF	ORIGINAL SPECIFICATIONS Wheelbase 259 cm Overall Length 450 cm Maximum Width /73 cm Curb Weight //29 kg Average Track /93 cm Front Overhang 87 cm Rear Overhang /08 cm Undeformed End Width /0 cm Engine Size: cyl./displ.	WHEEL STEER ANGLES (For locked front wheels or displaced rear axles only) RF ±
`	MEASUREMENTS IN CENTIMETERS	
73.5	13/ 23/ 24/ 24/ 26/ Flat wh	142 103
1	101 259	Flat

NOTES: Sketch new perimeter and cross hatch direct damage and single hatch induced damage on all views. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.). If pulling trailer, sketch type of trailer and damage received on the back of this page.

Annotate any damage caused by extrication such as component removal by torching, prying, or hydraulic shears.

CDC WORKSHEET								
		cc	DES FOR O	BJECT CONT	ACTED			
(01-30)	- Vehicle Nur	nber		(57)	Fence			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				(58)	Wall			
Noncolli	ision				Building			
(31)	Overturn - ro	llover (excludes	end-over-en		Ditch or	culvert		
	Rollover-end-			(61)	Ground			
	Fire or explosion				Fire hydr	ant		
	Jackknife .			(63)	Curb			
		damage (specify	/):		Bridge			
				(68)	Other fix	ed object (s	pecify):	
	Noncollision in Other noncollis			(69)	Unknow	n fixed objec	et	
(39)	Noncollision -	details unknow	n	Collisi	on with No	nfixed Object	ct	
,,,,,				(70) Passenge	er car, light	truck, van, d	or other
Collisio	n With Fixed O	bject			vehicle n	ot in-transp	ort	
	Tree (≤ 10 cm						or bus not	in-transport
(42)	Tree (> 10 cr	n in diameter)) Pedestria			
(43)	Shrubbery or I	oush) Cyclist o			
	Embankment			(74) Other no	nmotorist o	r conveyanc	е
(45)	Breakaway po	le or post (any d	iameter)) Vehicle (occupant		
) Animal			
	akaway Pole or) Train	liacannostos	l in transpor	+
(50)	Pole or post (:	≤ 10 cm in diam	eter)	(78	Trailer, disconnected in transport			
(51)		> 10 cm but ≤	30 cm in		Object fell from vehicle in-transport Other nonfixed object (specify):			
	diameter)		-41	(88)) Other no	minxed objec	ot (specify).	
		> 30 cm in diam diameter unknow		(89) Unknow	n nonfixed o	object	
	Concrete traff			(98) Other ev	ent (specify	·):	
(55) (56)		ator parrier (includes g		•) Unknow	n event or c	bject	
	(ороспу)			SIFICATION B	V EVENT N	LIMPED		
		DEFURNIA	ION CLASS	OFFICATION B	(4)	(5)		_
Accident	t	(1) (2)			Specific	Specific	(6)	
Event	•	Direction	Incremental	(3)	Longitudinal	Vertical or	Type of	(7)
Sequenc		of Force	Value of	Deformation	or Lateral	Lateral	Damage	Deformation
Number	Contacted	(degrees)	Shift	Location	Location	Location	Distribution	Extent
Of	_ 29	360	0	E	$\underline{\mathcal{D}}$	E	N	02
	·							
 								
			·					
								
<u> </u>				****				

			DEEOBMA	TION CLAS	SIFICATIO	N	
		COLLISION	DEFUNIVIA	HON CLAS			
HIGHEST	DELTA "V"						
Accident Event Sequence Number	Object Contacted 5. 79	(1) (2) Direction of Force 99 6	Deformation Location	(4) Longitudinal or Lateral Location 8.	Vertical or Lateral Location	(6) Type of Damage Distribution	(7) Deformation Extent
Second H	ighest Delta "V	/ #	,				
12		14	15	16	17	18	19
	-	CRUS	H PROFILE	IN CENTIM	ETERS		
	The amelian					he document	ha
	in the app	ropriate space	below. (ALL N	I in the CDC(s) MEASUREMENT	IS ARE IN CE	NTIMETERS.)	ou .
HIGHEST	DELTA "V"					· a	
20.	21.		•	•	•	C	22.
					C ₅	C ₆	± D
Second H 23. L ———	 lighest Delta "\ 24. 			C ₄	C ₅	C ₆	25. ±D
			-				
(Code impac (250) (998) (999) 27. Direct (For h	250 centimeto No highest se Unknown t Damage Width highest severity	severity le impact.) earest centimer ers or more verity end plan impact) earest centimer	e impact	(650) (999) ——— 29. Origin ——— (185)	al Average Tra Code to the centimter 185 centimer Unknown	x 2.54 = ck Width nearest	143

			FUEL SYSTEM
	Are CDCs Documented but Not Coded on The Automated File? (0) No (1) Yes	6	35. Location of Fuel Tank-1 Filler Cap 36. Location of Fuel Tank-2 Filler Cap (0) No fuel tank (1) On back plane (2) Aft of center of the rear wheels (rear axle) on left side plane
31.	Researcher's Assessment of Vehicle Disposition (0) Not towed due to vehicle damage (1) Towed due to vehicle damage (9) Unknown		 (3) Aft of center of the rear wheels (rear axle) on right side plane (4) Forward of center of the rear wheels (rear axle) on left side plane (5) Forward of center of the rear wheels (rear axle) on right side plane (6) Over the center of the rear wheels (rear axle) on left side plane
32.	Is This A Multi-Stage Manufactured Vehicle And/Or A Certified Altered Vehicle? (0) No post manufacturer modifications (specify): (Include photograph of CERTIFICATION PLACARD in case report)	D	(7) Over the center of the rear wheels (rear axle) on right side plane (8) Other (specify): (9) Unknown 37. Type of Fuel Tank-1 38. Type of Fuel Tank-2 (0) No fuel tank (electrical vehicle) (1) Metallic
	(9) Unknown if vehicle is modified FIRE OCCURRENCE		(2) Non-metallic (9) Unknown 39. Location of Fuel Tank-1 40. Location of Fuel Tank-2
33.	Fire Occurrence (0) No fire Yes, fire occurred (1) Minor (2) Major (9) Unknown		 (0) No fuel tank (1) Aft of center of the rear wheels (rear axle) centered (2) Aft of center of the rear wheels (rear axle) left side (3) Aft of center of the rear wheels (rear axle) right side (4) Forward of center of the rear wheels (rear axle) centered
34.	Origin of Fire (0) No fire (1) Vehicle exterior (front, side, back, top) (2) Exhaust system (3) Fuel tank (and other fuel retention system parts) (4) Engine compartment (5) Cargo/trunk compartment (6) Instrument panel (7) Passenger compartment area (8) Other location (specify): (9) Unknown		(5) Forward of center of the rear wheels (rear axle) left side (6) Forward of center of the rear wheels (rear axle) right side (7) Over center of the rear wheels (rear axle) (8) Other (specify): (9) Unknown 41. Damage to Fuel Tank-1 42. Damage to Fuel Tank-2 (0) No fuel tank (1) No damage to fuel tank (2) Deformed, no seam failure (3) Deformed, with a seam failure (4) Punctured (5) Lacerated (ripped) (6) Abraded (scraped) (7) Filler neck separation from the fuel tank (8) Other damage (specify): (9) Unknown

National Accident	Sampling Sys	tem-Crashworthiness	Data S	ystem:	Exterior	Vehicle	Form
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43.	Leakage Location of Fuel System-1	47. Is This Vehicle Equipped With More Than Two Fuel Tanks?
44.	Leakage Location of Fuel System-2	(O) No (one or two tanks only)
	(0) No fuel tank	Yes - More Than Two Tanks
	(1) No fuel leakage	(1) Yes no damage to any tank or filler
	Drimow, Area Of Laskage	cap and no fuel system leakage
	Primary Area Of Leakage (2) Tank	(2) Yes no damage to any tank or filler
	(3) Filler neck	cap but there is fuel system leakage
	(4) Cap	(specify leakage location):
	(5) Lines/pump/filter	
	(6) Vent/emission recovery	(3) Yes damage to an additional tank or
	(8) Other (specify):	filler cap and there is fuel system leakage
	(9) Unknown	(specify the following):
		Type of tank
15	Fuel Type 1	Tank location
4 5.	Fuel Type-1	Filler cap location Tank damage
46.	Fuel Type-2	Location of leakage
	——————————————————————————————————————	Type of fuel(9) Unknown if more than two tanks
	Single Fuel Type	(9) Unknown if more than two tanks
	(00) No fuel tank	ŀ
	(01) Gasoline	
	(02) Diesel	COMMENTS
	(03) CNG (Compressed Natural Gas) (04) LPG (Liquid Petroleum Gas) also	COMMENTO
	known as Propane	
	(05) LNG (Liquid Natural Gas)	
	(06) Methanol (M100 or M85)	
	(07) Ethanol (E100 or E85)	
	(08) Other (Hydrogen or others) (specify):	
	Electric Powered or Electric/Solar	
	Powered Vehicles	
	(10) Lead Acid Battery	
	(11) Nickel-Iron Battery	
	(12) Nickel-Cadmium Battery (13) Sodium Metal Chloride Battery	
	(14) Sodium Sulfur Battery	
	(18) Other (Specify):	
	(98) Other Hybrid (specify):	
	(99) Unknown fuel type	
	100, 0	
		<u> </u>
		U.S. VISUALIS MAAG MOT TOM/SD ###

*** STOP: IF THE CDS APPLICABLE VEHICLE WAS NOT TOWED ***

(GV10 = 0)

DO NOT COMPLETE THE INTERIOR VEHICLE FORM.



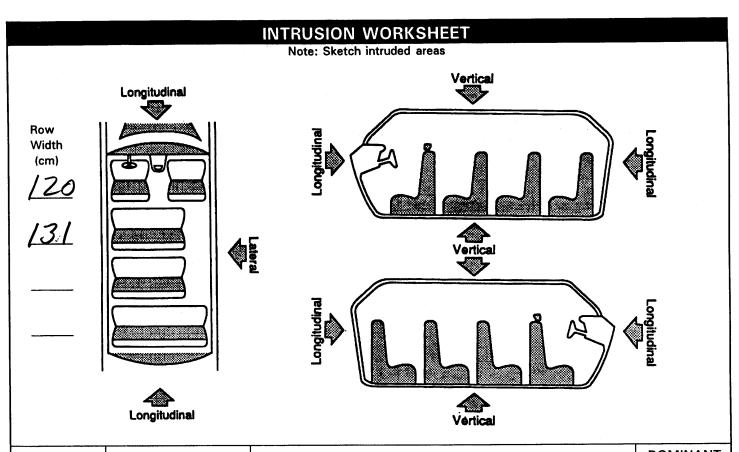
U.S. Department of Transportation

National Highway Traffic Safety Administration

INTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

13	GLAZING
1. Primary Sampling Unit Number	Type of Window/Windshield Glazing
2. Case Number - Stratum//	15. WS / 16. LF 217. RF 218. LR 219. RR 2
3. Vehicle Number	20. BL 2 21. Root 2 22. Other 2
INTEGRITY	
4. Passenger Compartment Integrity (00) No integrity loss Yes, Integrity Was Lost Through (01) Windshield (02) Door (side) (03) Door/hatch (back door) (04) Roof	 (0) No glazing (1) AS-1 — Laminated (2) AS-2 — Tempered (3) AS-3 — Tempered-tinted (original) (4) AS-2 — Tempered-with after market tint (5) AS-3 — Tempered-tinted (with additional after market tint) (6) AS-14 — Glass/Plastic (7) Glazing removed prior to accident (8) Other (specify):
(05) Roof glass (06) Side window	(9) Unknown
(07) Rear window (backlight) (08) Roof and roof glass (09) Windshield and door (side) (10) Windshield and roof (11) Side and rear window (side window and backlight) (12) Windshield and side window (13) Door and side window (98) Other combination of above (specify):	Window Precrash Glazing Status 23. WS \(\frac{1}{2} \) 24. LF \(\frac{1}{2} \) 25. RF \(\frac{1}{2} \) 26. LR \(\frac{1}{2} \) 27. RR \(\frac{1}{2} \) 28. BL \(\frac{1}{2} \) 29. Roof \(\frac{1}{3} \) 30. Other \(\frac{1}{2} \) (0) No glazing (1) Fixed (2) Closed (3) Partially opened (4) Fully opened (7) Glazing removed prior to accident (9) Unknown
Door, Tailgate or Hatch Opening	Glazing Damage from Impact Forces
5. LF 6. RF 7. LR 8. RR 9. TG/H	31. WS / 32. LF / 33. RF / 34. LR / 35. RR /
(0) No door/gate/hatch (1) Door/gate/hatch remained closed and operational (2) Door/gate/hatch came open during collision (3) Door/gate/hatch jammed shut (8) Other (specify): (9) Unknown Damage/Failure Associated with Door, Tailgate or Hatch Opening in Collision. If IV05-IV09 ≠ 2, Then code Ø	36. BL 37. Roof 38. Other (0) No glazing (1) No glazing damage from impact forces (2) Glazing in place and cracked from impact forces (3) Glazing in place and holed from impact forces (4) Glazing out-of-place (cracked or not) and not holed from impact forces (5) Glazing out-of-place and holed from impact forces (6) Glazing disintegrated from impact forces (7) Glazing removed prior to accident (9) Unknown if damaged
10. LE 11. RE 12. LR 613. RR 14. TG/H	Glazing Damage from Occupant Contact
(0) No door/gate/hatch or door not opened	39. WS 40. LF 41. RF 42. LR 43. RR
Door, Tailgate or Hatch Came Open During Collision (1) Door operational (no damage) (2) Latch/striker failure due to damage (3) Hinge failure due to damage (4) Door structure failure due to damage (5) Door support (i.e., pillar, sill, roof side rail, etc.) failure due to damage (6) Latch/striker and hinge failure due to damage (8) Other failure (specify):	(0) No glazing (1) No occupant contact to glazing (2) Glazing contacted by occupant but no glazing damage (3) Glazing in place and cracked by occupant contact (4) Glazing in place and holed by occupant contact (5) Glazing out-of-place (cracked or not) by occupant contact and not holed by occupant contact (6) Glazing out-of-place by occupant contact and holed by occupant contact (7) Glazing removed prior to accident
	(8) Glazing disintegrated by occupant contact (9) Unknown if contacted by occupant



LOCATION OF INTRUSION	INTRUDED COMPONENT		ments Are In Centimeters) INTRUDED VALUE =	INTRUSION	DOMINANT CRUSH DIRECTION
	·		=		
		_	=		
		_	=		
		_	=		
		-	=		
			=		
			=		
		· —	=		
		_	=		
		_	=		
		-	=		
			=		
			=		
		-	==		
		:			

OCCUPANT AREA INTRUSION Note: If no intrusions, leave variables IV47-IV86 blank. Dominant Crush Intrudina Magnitude Location of of Intrusion Direction Intrusion Component 1st 47. ___ 48. ___ 49. ___ 2nd 51.___ 52.__ 53.___ 3rd 55. ____ 56.___ 57.___ 58. 61.____62. 4th 59. 60. [/] 64. 65. 69. 70.____ 7th 71. _ 72.___ 73.__ 74._ 8th 75.___ 76.__ 77.__ 78.__ 9th 79.____ 80.___ 81.___ 82.___ 10th 83.____ 84.___ 85.___ 86.___ LOCATION OF INTRUSION Fourth Seat Front Seat (41) Left (11) Left (42) Middle (12) Middle (43) Right (13) Right Second Seat (97) Catastrophic (21) Left (98) Other enclosed (22) Middle area (specify) (23) Right (99) Unknown Third Seat (31) Left

(32) Middle

(33) Right

INTRUDING COMPONENT

Interior Components

- (01) Steering assembly
- (02) Instrument panel left
- (03) Instrument panel center
- (04) Instrument panel right
- (05) Toe pan
- (06) A (A1/A2)-pillar
- (07) B-pillar
- (08) C-pillar
- (09) D-pillar
- (10) Side panel forward of the A1/A2-pillar
- (11) Door panel (side)
- (12) Side panel rear of the B-pillar
- (13) Roof (or convertible top)
- (14) Roof side rail
- (15) Windshield
- (16) Windshield header
- (17) Window frame
- (18) Floor pan (includes sill)
- (19) Backlight header
- (20) Front seat back
- (21) Second seat back
- (22) Third seat back
- (23) Fourth seat back
- (24) Fifth seat back
- (25) Seat cushion
- (26) Back door/panel (e.g., tailgate)
- (27) Other interior component (specify):

Exterior Components

- (31) Outside surface of this vehicle (specify):
- (32) Other exterior object in the environment (specify):
- (33) Unknown exterior object
- (97) Catastrophic
- (98) Intrusion of unlisted component(s) (specify):
- (99) Unknown

MAGNITUDE OF INTRUSION

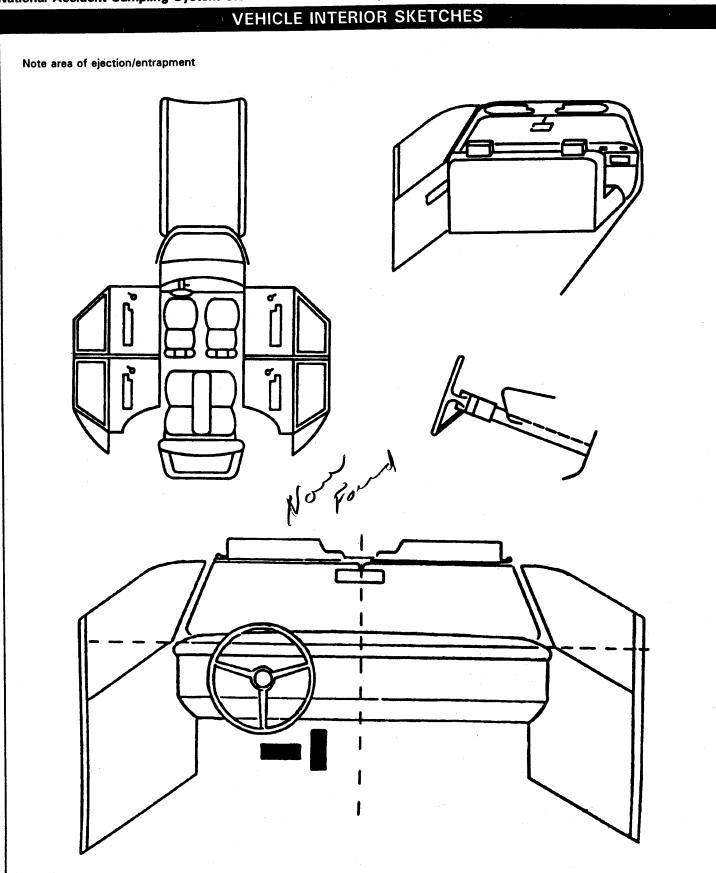
- $(1) \geq 3$ centimeters but < 8 centimeters
- (2) \geq 8 centimeters but < 15 centimeters
- $(3) \ge 15$ centimeters but < 30 centimeters
- (4) \geq 30 centimeters but < 46 centimeters
- (5) \geq 46 centimeters but < 61 centimeters
- $(6) \geq 61$ centimeters
- (7) Catastrophic
- (9) Unknown

DOMINANT CRUSH DIRECTION

- (1) Vertical
- (2) Longitudinal
- (3) Lateral
- (7) Catastrophic
- (9) Unknown

	(All	Measurements Are in Centimet	ers)			
COMPARISON VALUE		DAMAGE VALUE	=	DEFORMATION		
	-		=			
			=			
	_		=			
	_		=			

STEERING COLUMN	INSTRUMENT PANEL
87. Steering Column Type (1) Fixed column	92. Odometer Reading <u>\$\mathbb{E}\mathbb{S}\mathbb{S}\mathbb{O}\mathbb{O}\tag{000}</u>
(1) Fixed column (2) Tilt column	kilometers
(3) Telescoping column	Code to the nearest 1,000 kilometers
(4) Tilt and telescoping column	(000) No odometer (001) Less than 1,500 kilometers
(8) Other column type (specify):	(500) 499,500 kilometers or more
(9) Unknown	(999), Unknown 51.626 miles $\times 1.6093 = 83.482$ kilometers
(S) STRIBOTTI	
88. Tilt Steering Column Adjustment	Source: Ullus
(0) No tilt steering column	
(1) Full up	93. Instrument Panel Damage from Occupant Contact?
(2) Between full up and center	(O) No
(3) Center	(1) Yes
(4) Between center and full down (5) Full down	(9) Unknown
(9) Unknown	94. Type of Knee Bolster Covering
	(0) No knee bolster
90 Tologopping Stocking Column Adjustment	(1) Padded
89. Telescoping Steering Column Adjustment (0) No telescoping steering column	(2) Rigid plastic (8) Other (specify):
(1) Full back	(9) Unknown
(2) Between full back and midpoint	
(3) Midpoint	95. Knee Bolsters Deformed from
(4) Between midpoint and full forward (5) Full forward	Occupant Contact? (0) No knee bolster
(9) Unknown	(1) No deformation
(-)	(2) Yes - deformation
8 8	(9) Unknown
90. Steering Rim/Spoke Deformation Code actual measured	96. Did Glove Compartment Door Open
deformation to the nearest centimeter	During Collision(s)?
(00) No steering rim deformation	(O) No glove compartment door
(01-14) Actual measured value in centimeters (15) 15 centimeters or more	(1) No - door did not open (2) Yes - door opened
(98) Observed deformation cannot be measured	(9) Unknown
(99) Unknown	
	97. Adaptive (Assistive) Driving Equipment (0) No adaptive driving equipment
91. Location of Steering Rim/Spoke	(1) Adaptive driving equipment installed
Deformation	(Check all that apply.)
(00) No steering rim deformation	[] Hand controls for braking/acceleration [] Steering control devices (attached to OEM
Quarter Sections	steering wheel
(01) Section A	[] Steering knob attached to steering wheel
(02) Section B (03) Section C	[] Low effort power steering (unit or device) [] Replacement steering wheel (i.e., reduced
(04) Section D	diameter)
Lower	[] Joy-stick steering controls
Half Sections	[] Wheelchair tie-downs
(05) Upper half of rim/spoke (06) Lower half of rim/spoke	[] Modification to seat belts (specify):
(07) Left half of rim/spoke	[] Additional or relocated switches (specify):
(08) Right half of rim/spoke	[1] Poined reaf
(09) Complete steering wheel collapse	[] Raised roof [] Wall-mounted head rest (used behind
(10) Undetermined location	wheelchair)
(99) Unknown	[] Other adaptive device (specify):
	(9) Unknown



Sketch windshield contact(s) and the damaged area(s) on the instrument panel outline (e.g., radio, glove compartment, damage to instrument panel structure.

Cross hatch contact points, draw spider webs or use other annotation as may be appropriate.

Annotate the contacted area with a letter (begin with A) and list on the Points of Occupant Contact page.

		POIN	TS OF OCC	UPANT CONTACT		
	Interior Component	Occupant No. If	Body Region If		Evidones	Confidence Level of Contact
Contact	Contacted	Known	Known	Supporting Physical	Evidence	Point
<u>A</u>						
B						
С						
D						
E						
F						
G			ļļ			
Н						
l						
J						
K						
L						
M						·
N						
selector le attachmer Cellular te radio Collular te radio COO9) Add on eq deck, air co COO10) Left instrubelow COO11) Center ins below COO12) Right instrubelow COO13) Glove com COO14) Knee bolst COO15) Windshield more of the header, A instrument steering as side only) COO16) Windshield more of the header, A instrument (passenge)	uipment(e.g., tape onditioner) ment panel and trument panel and ument panel and ument panel and uppartment door er of lincluding one or e following: front (A1/A2)-pillar, panel, mirror, or sembly (driver lincluding one or e following: front (A1/A2)-pillar, panel, or mirror side only)	(056) Left sid (057) Left sid (058) Left sid (058) Left sid includin followin sill, A (/ or roof (060) Other le (specify) RIGHT SIDE (101) Right sid excludir armest (102) Right sid armest (103) Right A (104) Right B- (105) Other rig	illar ft pillar (specify): e window glass e window frame e window sill e window glass g one or more of the g: frame, window A1/A2)-pillar, B-pillar, side rail. ft side object): de interior surface, g hardware or side hardware or (A1/A2)-pillar	(154) Other restraint system component (specify): (155) Head restraint system (160) Other occupants (specify): (161) Interior loose objects (162) Child safety seat (specify): (163) Other interior object (specify): AIR BAG (170) Air bag-driver side (175) Air bag compartment cover-driver side (180) Air bag-passenger side (185) Air bag compartment cover-passenger side (190) Other air bag (specify) (195) Other air bag compartment cover (specify) ROOF (201) Front header	EQUIPMENT (401) Hand controls braking/accele (402) Steering contr (attached to 0 wheel) (403) Steering knob steering whee (405) Replacement s (i.e., reduced (406) Joy stick stee (407) Wheelchair tie (specify): (408) Modification tr (specify): (409) Additional or r switches, (specify): (410) Raised roof (411) Wall mounted (used behind (412) Other adaptive (specify):	oration of devices of devices in the devices attached to attached beight attached activity): head rest wheel chair)
O17) Windshield exterior ob O19) Other from		(108) Right si (109) Right si includin followin	de window sill de window glass g one of more of the g; frame, window \1/A2)-pillar, B-pillar, ide rail; pht side object	(201) Front header (202) Rear header (203) Roof left side rail (204) Roof right side rail (205) Roof or convertible top FLOOR (251) Floor (including toe pan) (252) Floor or console mounted transmission lever, including console (253) Perking brake handle (254) Foot controls including parking brake	CONFIDENCE LEVEL POINT (1) Certain (2) Probable (3) Possible	OF CONTACT

MANUAL RESTRAINTS

Encode the applicable data for each seat position in the vehicle. The attribute for the variable may be found below. NOTES: Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

If a Child safety seat is present, encode the data on the back of this page.

If the vehicle has automatic restraints available, encode the appropriate data on the back of the previous page.

		Left	Center	Right
	Availability	3		3
F	Evidence of usage	03		03
R	Used in this crash?			0
S	Proper Use	1		
Т .	Failure Modes	P		Ø
	Anchorage Adjustment	1		
	Availability	4	3	4
s	Evidence of usage	-0'U	-	04
SECO	Used in this crash?	8	Ø	8
l ŏ	Proper Use	8	Ø	8
N D	Failure Modes	8	8	0
	Anchorage Adjustment		0	
	Availability			
0	Evidence of usage		1	
Ť	Used in this crash?			
H	Proper Use			
R	Failure Modes			
	Anchorage Adjustment			

Manual (Active) Belt System Availability

- (0) None available
- (1) Belt removed/destroyed
- (2) Shoulder belt
- (3) Lap belt
- (4) Lap and shoulder belt
- (5) Belt available type unknown

Integral Belt Partially Destroyed

- (6) Shoulder belt (lap belt destroyed/removed)
- (7) Lap belt (shoulder belt destroyed/removed)
- (8) Other belt (specify):
- (9) Unknown

Manual (Active) Belt System Use

- (00) None used, not available, or belt removed/destroyed
- (01)Inoperable (specify):
- (02) Shoulder belt
- (03)Lap belt
- (04)Lap and shoulder belt (05) Belt used - type unknown
- (80) Other belt used (specify):
- (12)Shoulder belt used with child safety
- (13)Lap belt used with child safety seat
- (14)Lap and shoulder belt used with child safety seat
- (15)Belt used with child safety seat type unknown
- (18)Other belt used with child safety seat (specify):
- (99)Unknown if belt used

Proper Use of Manual (Active) Belts

- (0) None used or not available
- (1) Belt used properly
- Belt used properly with child safety (2)

Belt Used Improperly

- Shoulder belt worn under arm (3)
- Shoulder belt worn behind back or (4) seat
- Belt worn around more than one (5) person
- (6)Lap belt worn on abdomen
- Lap belt or lap and shoulder belt (7)used improperly with child safety seat (specify):
- Other improper use of manual belt (8) system (specify):
- (9) Unknown

Manual (Active) Belt Failure Modes During Accident

- (0) No manual belt used or not available
- (1)No manual belt failure(s)
- Torn webbing (stretched webbing (2)not included)
- (3) Broken buckle or latchplate
- (4)Upper anchorage separated
- Other anchorage separated (5)(specify):
- (6)Broken retractor
- Combination of above (specify): (7)
- (8) Other manual belt failure (specify):
- (9) Unknown

Shoulder Belt Upper Anchorage Adjustment

- (0) No shoulder belt
- No upper anchorage adjustment for (1) shoulder belt

Adjustable shoulder Belt Upper Anchorage

- (2) In full up position
- In mid position (3)
- In full down position (4)
- (5) Position unknown
- (9) Unknown if position has adjustable upper anchorage adjustment

Nation	al Accident Sampling System-C	rashworthiness Data System: Interior	Vehicle Form	Page
		AUTOMATIC RESTRAINTS		
NOT	ES: Encode the data for each ap below. Restraint systems s Assessment Form.	plicable front seat position. The attrib hould be assessed during the vehicle i AIR BAGS	bute for the variables ma inspection then coded on	y be found the Occupant
		Left Front	Right Front	Other
F	Availability/Function			
l R	Deployment			
S	Failure			- ()
(O) (1)	ng System Availability/Function Not equipped/not available Air bag	Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact)	of impact)	nt Position) en <u>"other"</u> air bag cident (as a result
(2) (3)	Air bag disconnected (specify): Air bag not reinstalled	(2) Deployed inadvertently just prior to accident (3) Deployed, accident sequence	(2) Deployed inadverter to accident (3) Deployed, details ur	
(9) Are Ti System (0) (1)	Unknown here Indications of Air Bag m Failure? (This Occupant Position) Not equipped/not available No Yes (specify):	undetermined (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown	(4) Deployed as a result	t of a uring accident explosion,
(9)	Unknown	AUTOMATIC BELTS	_	
		Left	Right	
	Availability/Function	. /		
F	Use	l l	8	
Ŕ	Туре	2	2	
S T	Proper Use	/	8	
	Failure Modes		B	
Availa (0) (1) (2) (3) (3) (4) (9) Autom (0) (1)	natic (Passive) Belt System bility/Function Not equipped/not available 2 point automatic belts 3 point automatic belts Automatic belts - type unknown n-functional Automatic belts destroyed or rendered inoperative Unknown natic (Passive) Belt System Use Not equipped/not available/destroyed or rendered inoperative Automatic belt in use Automatic belt not in use (manually disconnected, motorized track	Proper Use of Automatic (Passive) Belt System (0) Not equipped/not available/not used (1) Automatic belt used properly (2) Automatic belt used properly with child safety seat Automatic Belt Used Improperly (3) Automatic shoulder belt worn under arm (4) Automatic shoulder belt worn behind back (5) Automatic belt worn around more than one person (6) Lap portion of automatic belt worn on abdomen (7) Automatic lap and shoulder belt or automatic shoulder belt used	Automatic (Passive) Belt F. During Accident (0) Not equipped/not av (1) No automatic belt for the control of th	vailable/not in use ailure(s) ched webbing not the chalate parated (specify):
	disconnected, motorized track inoperative) Automatic belt use unknown Unknown	automatic shoulder belt used improperly with child safety seat (specify):		

(8) Other improper use of automatic belt

system (specify):_ (9) Unknown

Automatic (Passive) Belt System Type
(0) Not equipped/not available
(1) Non-motorized system

(2) Motorized system (9) Unknown

FIRST SEAT FRONTAL AIR BAGS

Encode the applicable data for the driver and first seat passenger in the vehicle. The attribute for the variable may NOTES: be found below. Restraint systems should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

	Driver	Passenger
Type of air bag?		
Flaps open at tear points?		
Flaps damaged?		
Air bag damaged?		
Source of air bag damage	V	V
Air bag tethered?		
Air bag have vent ports?		
Other occupant contact air bag?		
Occupant wearing evewear?		

Type of Air Bag

- (0) Not equipped/not available
- (1) Original manufacturer installed system
- (2) Retrofitted air bag
- (3) Replacement air bag
- (8) Unknown type of air bag
- (9) Unknown

Did Air Bag Module Cover Flap(s) Open At **Designated Tear Points?**

- (0) Not equipped/not available
- (1) No
- (2) Yes
- (3) Deployed, unknown if flap(s) opened at designated tear points
- (7) Not deployed
- (8) Unknown if deployed
- (9) Unknown

Were Air Bag Module Cover Flap(s) Damaged?

- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- (3) Deployed, unknown if air bag module cover flap(s) damaged
- Not deployed
- (8) Unknown if deployed
- (9) Unknown

Was There Damage To The Air Bag?

- (00) Not equipped/not available
- (01) Not damaged

Yes - Air Bag Damage

- (02) Ruptured
- (03) Cut
- (04) Torn
- (05) Holed (06) Burned
- (07) Abraded
- (88) Other damage (specify):
- (95) Damaged, details unknown
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Source of Air Bag Damage

- (00) Not equipped/not available
- (01) Not damaged
- (02) Object worn by occupant, (specify):
- (03) Object carried by occupant, (specify):
- (04) Adaptive/assistive controls, (specify):
- (05) Fire in vehicle
- (06) Thermal burns
- (07) Rescue or emergency efforts
- (88) Other damage source (specify):
- (95) Damaged, unknown source
- (96) Deployed, unknown if damaged
- (97) Not deployed
- (98) Unknown if deployed
- (99) Unknown

Was The Air Bag Tethered?

- (0) Not equipped/not available
- (1) No
- Yes (specify number of tether (2) straps):
- Deployed, unknown if tethered (3)
- Not deployed (7)
- (8) Unknown if deployed
- (9) Unknown

Did The Air Bag Have Vent Ports?

- (0) Not equipped/not available
- (1) No
- Yes (specify number of vent ports): (2)
- (3) Deployed, unknown if vent ports present
- Not deployed
- Unknown if deployed
- Unknown

Was the Air Bag in this Occupant's Position Contacted by Another Occupant?

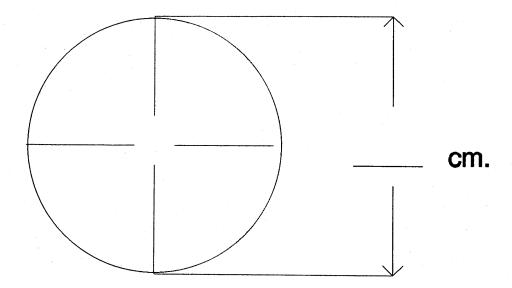
- (0) Not equipped/not available
- (1) No
- (2) Yes (specify):
- Deployed, unknown if other occupant contact to air bag
- Not deployed
- Unknown if deployed
- Unknown

Was This Occupant Wearing Eye-wear?

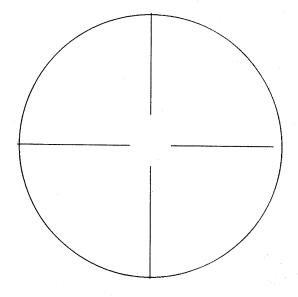
- (0) Not equipped/not available
- (1)
- (2) Eyeglasses/sunglasses
- Contact lenses (3)
- (4) Deployed, unknown if eyewear worn
- (7)Not deployed
- Unknown if deployed
- (9) Unknown

DRIVER AIR BAG DAMAGE AND CONTACT SKETCHES .

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Front)



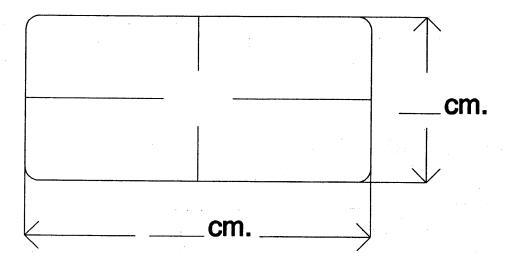
2. SKETCH DAMAGE AND CONTACT EVIDENCE ON DRIVER AIR BAG (Back)



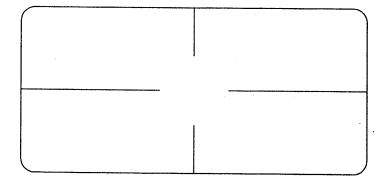
DRIVER AIR BAG S	SKETCHES (Cont'd)
3. DRIVER AIR BAG MODULE COVER FLAP SIZE (DOUBLE)	
a. Upper Flap b. Lower Flap	
width (W _U) width (W _L)	
height (H _U) height (H _L)	
W, ————————————————————————————————————	
↑ H _L W _L ———	
4. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	5. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS
t.	
6. SKETCH LOCATION OF CIRCULAR AIR BAG VENT PORTS	
11 ¹² 1 10 2 9 3	
9 3	

PASSENGER AIR BAG DAMAGE AND CONTACT SKETCHES

1. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Front)



2. SKETCH DAMAGE AND CONTACT EVIDENCE ON PASSENGER AIR BAG (Back)



DACCENCED AID DAG	CALLED TO THE TOTAL TO THE TAIL THE THE TAIL THE
PASSENGER AIR BAC	G SKETCHES (Cont'd)
3. PASSENGER AIR BAG MODULE COVER FLAP SIZE (SINGLE) a. Flap width (W) height (H) W	4. PASSENGER AIR BAG MODULE COVER FLAP SIZE (DOUBLE) a. Upper Flap width (W _U) height (H _U) H, H, W, W, W, W, W, W, W, W,
5. SKETCH OF OTHER TYPE OF AIR BAG MODULE FLAP AND SIZE	6. SKETCH OF OTHER TYPE OF AIR BAG VENT PORTS
7. SKETCH LOCATION OF RECTANGULAR AIR BAG VENT PORTS	
10 11 12 1 2 9 3 8 7 6 5 4	

			ta System: Interior V SE AND CONTACT		
SKETCH DAMAGE A	ND CONTAC	T EVIDENCE ON "OT	HER" AIR BAG (Front)	in the second se	
	÷				
		•			
SKETCH DAMAGE A	ND CONTAC	T EVIDENCE ON "O	THER" AIR BAG (Back)		
			eries Services de la companya de la Services de la companya de la comp	ing ing the second of the sec	

	 e-i
"OTHER" AIR BAG SKETCHES (Cont'd)	,
3. SKETCH AIR BAG MODULE FLAP AND SIZE OR OPENING FOR AIRBAG	
4. SKETCH AIR BAG VENT PORTS	

HEAD RESTRAINTS/SEAT EVALUATION

NOTES: Encode the applicable data for each seat position in the vehicle. The attribute for these variables may be found at the bottom of the page. Head restraint type/damage and seat type/performance should be assessed during the vehicle inspection then coded on the Occupant Assessment Form.

		Left	Center	Right
	Head Restraint Type/Damage	3	1 2-	3,
_	Seat Type	-01	-\ /	01
F	Seat Performance		X	1
R S	Seat Orientation			/.
· T	Seat Track Position	2		4
	Seat Back Incline Pre/Post Impact	14		18/
	Head Restraint Type/Damage	6	6	6
ς.	Seat Type	03	03	0)
SEC	Seat Performance	7	/	
CO	Seat Orientation			
N D	Seat Track Position	<u>)</u>		
	Seat Back Incline Pre/Post Impact	1	01	0/
	Head Restraint Type/Damage			
Т	Seat Type			
H	Seat Performance			
R	Seat Orientation			
D	Seat Track Position		,	
	Seat Back Incline Pre/Post Impact	, ,		
	Head Restraint Type/Damage		1	\
O T	Seat Type			
Ĥ	Seat Performance	X		
E R	Seat Orientation			
	Seat Track Position	.(
	Seat Back Incline Pre/Post Impact	<i>j</i>)	/

DESCRIBE ANY INDICATION OF ABNORMAL OCCUPANT POSTURE (I.E., UNUSUAL OCCUPANT CONTACT PATTERN)

HEAD RESTRAINTS/SEAT EVALUATION

Head Restraint Type/Damage by Occupant at This Occupant Position Position)

- (O) No head restraints
- (1) Integral no damage(2) Integral damaged during accident
- (3) Adjustable no damage
- (4) Adjustable damaged during accident
- (5) Add-on no damage(6) Add-on damaged during accident
- Other Specify):
- (9) Unknown

Seat Type (this Occupant Position)

- (00) Occupant not seated or no seat
- (01)Bucket
- (02) Bucket with folding back
- (03) Bench
- (04) Bench with separate back cushions
- Bench with folding back(s) (05)
- Split bench with separate (06)back cushions
- Split bench with folding (07)back(s)
- Pedestal (i.e., column (80)supported)
- (09) Other seat type (specify):
- (10) Box mounted seat (i.e., van type)
- (99) Unknown

Seat Performance (this Occupant

- (0) Occupant not seated or no seat
- (1) No seat performance failure(s)
- Seat adjusters failed
- (3) Seat back folding locks or "seat back" failed (specify):
- (4) Seat tracks/anchors failed
- Deformed by impact of occupant
- (6) Deformed by passenger compartment intrusion (specify):
- (7) Combination of above (specify):
- (8) Other (specify):
- (9) Unknown

Seat Orientation (this Occupant Position)

- (0) Occupant not seated or no seat
- (1) Forward facing seat
- (2) Rear facing seat
- (3) Side facing seat (inward)(4) Side facing seat (outward)
- (8) Other (specify):
- (9) Unknown

Seat Track Adjusted Position Prior To Impact

- (0) Occupant not seated or no seat
- (1) Non-adjustable seat track

Adjustable Seat Track

- (2) Seat at forward most track position
- (3) Seat between forward most and middle track positions
- (4) Seat at middle track position
- (5) Seat between middle and rear most track positions
- (6) Seat at rear most track position
- (9) Unknown

Seat Back Incline Prior and Post Impact

- (00) Occupant not seated or no seat
- (O1) Not adjustable

Upright prior to impact

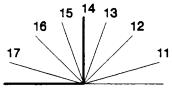
- (11) Moved to completely rearward position
- Moved to rearward midrange (12)position
- (13)Moved to slightly rearward position
- Retained pre-impact position (14)
- Moved to slightly forward (15)position
- Moved to forward midrange (16)position
- (17)Moved to completely forward position

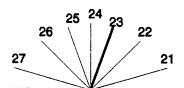
Slightly reclined prior to impact

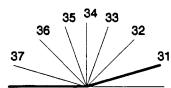
- Moved to completely rearward (21)position
- (22)Moved to rearward midrange position
- (23)Retained pre-impact postion
- Moved to upright position (24)
- (25)Moved to slightly forward position
- (26)Moved to forward midrange position
- (27)Moved to completely forward position

Completely reclined prior to impact

- Retained pre-impact position (31)
- (32)Moved to rearward midrange position
- (33)Moved to slightly rearward position
- (34)Moved to upright position
- (35)Moved to slightly forward position
- Moved to forward midrange (36)position
- (37)Moved to completely forward position
- (99) Unknown







Coding diagrams for Seat Back Incline Position Prior and Post Impact

	CHILD SAFET	Y SEAT F	ELD ASSESSMENT	
W th	hen a child safety seat is present enter the o e occupant's number using the codes listed	occupant's nu	imber in the first row and complete the	column below seat present.
0	ccupant Number			
	Type of Child Safety Seat			
2.	Child Safety Seat Orientation	. /	1 1	
3.	Child Safety Seat Harness Usage	1/ 1		
4.	Child Safety Seat Shield Usage			
5.	Child Safety Seat Tether Usage			
6.	Child Safety Seat Make/Model	Specify	Below for Each Child Safety Seat	
	Type of Child Safety Seat (0) No child safety seat (1) Infant seat (2) Toddler seat (3) Convertible seat (4) Booster seat (7) Other type child safety seat (specify): (8) Unknown child safety seat type (9) Unknown if child safety seat used Child Safety Seat Orientation (00) No child safety seat Designed for Rear Facing for This Age/Weight (01) Rear facing		 Child Safety Seat Shield Usage Child Safety Seat Tether Usage Note: Options Below Are Used for (00) No child safety seat Not Designed with Harness/Shield (01) After market harness/shield added, not used (02) After market harness/shield (03) Child safety seat used, but harness/shield/tether added (09) Unknown if harness/shield/t added or used Designed With Harness/Shield/Te (11) Harness/shield/tether not us 	d/Tether /tether /tether used no after market ether
3	(02) Forward facing (08) Other orientation (specify): (09) Unknown orientation Designed for Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (22) Forward facing (28) Other orientation (specify): (29) Unknown orientation (99) Unknown if child safety seat used Child Safety Seat Harness Usage		(11) Harness/shield/tether used (12) Harness/shield/tether used (19) Unknown if harness/shield/t Unknown If Designed With Harne (21) Harness/shield/tether not us (22) Harness/shield/tether used (29) Unknown if harness/shield/t (99) Unknown if child safety sea 6. Child Safety Seat Make/Model (Specify make/model and occupated)	ether used ss/Shield/Tether ed ether used t used

Complete the following if the research	JECTION/E			:	ner eiected	from or ent	rapp
in the vehicle. Code the appropriate	data on the	Occupant A	ssessment	Form.			
EJECTION No [/ Yes [] Describe indications of ejection and		volved in pa	artial ejectio	n(s):			
	· · · · · · · · · · · · · · · · · · ·						
			· · · · · · · · · · · · · · · · · · ·				
Occupant Number							
Ejection							
(Note on Vehicle Interior Sketch) Ejection Area							
Ejection Medium							
Medium Status							
Ejection (1) Complete ejection (2) Partial ejection (3) Ejection, Unknown degree (9) Unknown		area (e.g., p, etc.) (spe		(8) O	tegral struc ther mediun	n (specify):	
Ejection Area (1) Windshield (2) Left front	(2) Nonfi	hatch/tailga xed roof str		to Impa (1) O (2) C	pen losed		Prior
(3) Right front (4) Left rear (5) Right rear (6) Rear	(3) Fixed (4) Nonfi	glazing xed glazing	(specify):		itegral struc nknown	ture	
ENTRAPMENT No [] Yes Describe entrapment mechanism:	•						
					· · · · · · · · · · · · · · · · · · ·		
Component(s):							
(Note in vehicle interior diagram)		· .				· · · · · · · · · · · · · · · · · · ·	



U.S. Department of Transportation

OCCUPANT ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

National Highway Traffic Safety Administration

Administration	CRASHWORTHINESS DATA SYSTE
1. Primary Sampling Unit Number /3	OCCUPANT'S SEATING
2. Case Number - Stratum	10. Occupant's Seat Position Front Seat
3. Vehicle Number	(11) Left side (12) Middle
4. Occupant Number	(13) Right side
OCCUPANT'S CHARACTERISTICS	(14) Other (specify):(15) On or in the lap of another occupant
5. Occupant's Age Code actual age at time of accident. (00) Less than one year old (specify by month): (97) 97 years and older (99) Unknown	Second Seat (21) Left side (22) Middle (23) Right side (24) Other (specify): (25) On or in the lap of another occupant
6. Occupant's Sex (1) Male (2) Female-not reported pregnant (3) Female-pregnant-1st trimester(1st-3rd month) (4) Female-pregnant-2nd trimester(4th-6th month) (5) Female-pregnant-3rd trimester(7th-9th month) (6) Female-pregnant-term unknown (9) Unknown	Third Seat (31) Left side (32) Middle (33) Right side (34) Other (specify): (35) On or in the lap of another occupant Fourth Seat (41) Left side (42) Middle (43) Right side (44) Other (specify):
7. Occupant's Height Code actual height to the nearest centimeter. (999) Unknown inches X 2.54 =	(45) On or in the lap of another occupant (97) In or on unenclosed area (98) Other seat (specify): (99) Unknown
8. Occupant's Weight Code actual weight to the nearest kilogram. (999)Unknown O 8 pounds X .4536 = kilograms	11. Occupant's Posture (0) Normal posture Abnormal posture (1) Kneeling or standing on seat (2) Lying on or across seat (3) Kneeling, standing or sitting in front of seat
9. Occupant's Role (1) Driver (2) Passenger (9) Unknown	 (4) Sitting sideways or turned to talk with another occupant or to look out a rear window (5) Sitting on a console (6) Lying back in a reclined seat position (7) Bracing with feet or hands on a surface in front of seat (8) Other abnormal posture (specify): (9) Unknown

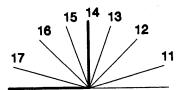
12. Ejection (0) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown 13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown 14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed glazing (4) Nonfixed glazing (5) Integral structure (6) Other medium (specify): (9) Unknown 15. Medium Status (Immediately Prior To Impact (0) No ejection (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrain (2) Could not exit vehicle due to jammed do fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle due to injuries (3) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown (1) Door/hatch/tailgate (2) Nonfixed glazing (specify): (3) Integral structure (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	<u>6</u>
(Ö) No ejection (1) Complete ejection (2) Partial ejection (3) Ejection, unknown degree (9) Unknown 13. Ejection Area (0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown 14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed glazing (4) Nonfixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify): (9) Unknown 15. Medium (1) Open (2) Closed (3) Integral structure (9) Unknown 16. Entrapment (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrain (2) Could not exit vehicle due to jammed do fire, etc. (specify): (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle due to injuries (2) Exited vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	<u>6</u>
(0) No ejection (1) Windshield (2) Left front (3) Right front (4) Left rear (5) Right rear (6) Rear (7) Roof (8) Other area (e.g., back of pickup, etc.) (specify): (9) Unknown 14. Ejection Medium (0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (9) Unknown (0) Not entrapped/exit not inhibited (1) Entrapped/pinned - mechanically restrain (2) Could not exit vehicle due to jammed do fire, etc. (specify): (9) Unknown (9) Unknown 17. Occupant Mobility (0) Occupant fatal before removed from vehicle (1) Removed from vehicle while unconsciour disoriented (2) Removed from vehicle with some assistance (4) Exited vehicle under own power (5) Occupant fully ejected (9) Unknown	
(0) No ejection (1) Door/hatch/tailgate (2) Nonfixed roof structure (3) Fixed glazing (4) Nonfixed glazing (specify): (5) Integral structure (8) Other medium (specify):	- - -
(8) Other medium (specify):	
(9) Unknown	
1	
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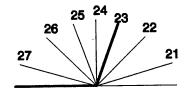
POLICE REPORTED RESTRAINT USE	AIR BAG SYSTEM FUNCTION
28. Police Reported Belt Use (0) None used (1) Police did not indicate belt use (2) Shoulder belt (3) Lap belt (4) Lap and shoulder belt (5) Belt used, type not specified (6) Child safety seat (7) Automatic belt (8) Other type belt, (specify): (9) Police indicated "unknown" 29. Police Reported Air Bag Availability/Function (0) No air bag available (1) Police did not indicate air bag availability/function (2) Deployed (3) Not deployed (4) Unknown if deployed (9) Police indicated "unknown"	30. Frontal Air Bag System Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown 31. Frontal Air Bag System Deployment (This Occupant Position) (0) Not equipped/not available (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
Check the Primary Source Used In Determining Belt Use. [] Not equipped/not available/destroyed or rendered inoperative [] Vehicle inspection [] Official injury data [] Driver/occupant interview [] Other (specify): [] Unknown if belt used	32. Other Than First Seat Frontal Air Bag Availability/Function (This Occupant Position) (0) Not equipped/not available (1) Air bag Non-functional (2) Air bag disconnected (specify): (3) Air bag not reinstalled (9) Unknown Specify type of "other" air bag present:
	33. Air Bag(s) Deployment, Other Than First Seat Frontal (This Occupant Position) (0) Not equipped with an "other" air bag (1) Deployed during accident (as a result of impact) (2) Deployed inadvertently just prior to accident (3) Deployed, details unknown (4) Deployed as a result of a noncollision event during accident sequence (e.g., fire, explosion, electrical) (5) Unknown if deployed (7) Nondeployed (9) Unknown
	34. Are There Indications of Air Bag System Failure? (This Occupant Position) (0) Not equipped/not available (1) No (2) Yes (specify):

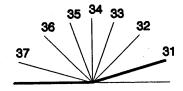
FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION						
35. Had Vehicle Been in Previous Accident(s)? (0) Not equipped/not available (1) No previous accidents Yes (2) Previous accident(s) without deployment(s) (3) One previous accident with deployment (4) More than one previous accident with at least one deployment (8) Previous accidents, unknown deployment status (9) Unknown	40. Longitudinal Component of + Delta V For Air Bag - Deployment Impact (000) Not equipped/not available Code the value of the delta V for the impact that initiated the air bag deployment (996) Deployment, unknown longitudinal Delta V (997) Not deployed (998) Unknown if deployed (999) Unknown					
36. Type of Air Bag (O) Not equipped/not available (1) Original manufacturer installed system (2) Retrofitted air bag (3) Replacement air bag (8) Unknown type of air bag (9) Unknown	41. Did Air Bag Module Cover Flap(s) Open At Designated Tear Points? (0) Not equipped/not available (1) No (2) Yes (3) Deployed, unknown if flap(s) opened at designated tear points (7) Not deployed (8) Unknown if deployed (9) Unknown					
Been Performed On This Air Bag System? (0) Not equipped/not available (1) No prior maintenance (2) Yes, prior maintenance (specify): (9) Unknown	42. Were Air Bag Module Cover Flap(s) Damaged26 (0) Not equipped/not available (1) No (2) Yes (specify): (3) Deployed, unknown if air bag module cover flap(s) damaged (7) Not deployed					
38. Air Bag Deployment Accident Event Sequence Number (00) Not equipped/not available Code the accident event sequence number that initiated the air bag deployment (96) Deployed, unknown event (97) Not deployed (98) Unknown if deployed (99) Unknown	(8) Unknown if deployed (9) Unknown 43. Was There Damage To The Air Bag? (00) Not equipped/not available (01) Not damaged Yes - Air Bag Damage (02) Ruptured (03) Cut (04) Torn					
39. CDC For Air Bag Deployment Impact (0) Not equipped/not available (1) Highest delta V (2) Second highest delta V (3) Other non-coded delta V (specify): (6) Deployed, unknown event (7) Not deployed (8) Unknown if deployed (9) Unknown	(05) Holed (06) Burned (07) Abraded (88) Other damage (specify): (95) Damaged, details unknown (96) Deployed, unknown if damaged (97) Not deployed (98) Unknown if deployed (99) Unknown					

	FIRST SEAT FRONTAL AIR BAG SYSTEM EVALUATION continued	HE	AD R	ESTRAINT AND SEAT EVALUATION
	EVALUATION continued	49	Head F	Restraint Type/Damage by Occupant
44	Source of Air Bag Damage	75.	at This	Occupant Position
~~.	(00) Not equipped/not available			o head restraints
	(01) Not damaged			tegral—no damage
	(02) Object worn by occupant, (specify):			ntegral—no damage stegral—damaged during accident
	(02) Object World by coodpaint, (speeding)			djustable—no damage
	(03) Object carried by occupant, (specify):		(3) A	djustable—no damage djustable—damaged during accident
	(03) Object carried by occupant, toposity.			dd-on-no damage
	(04) Adaptive/assistive controls, (specify):		(D) A	dd-on-damaged during accident
	(04) Adaptive/assistive controls/ (opening)			ther (specify):
	(05) Fire in vehicle		(6)	ther (specify).
	(06) The in vehicle (06) Thermal burns		/O\ TI	nknown
	(07) Rescue or emergency efforts		(9) U	TIKIIOWII
	(88) Other damage source (specify):	E0	Soot T	ype (this Occupant Position)
	(00) Other dumage searce (speekly).	50.	JOON 1	Occupant not seated or no seat
	(95) Damaged, unknown source		(00)	Sucket
	(96) Deployed, unknown if damaged	l		Bucket with folding back
	(97) Not deployed		(02) I	
	(98) Unknown if deployed	1		Bench with separate back cushions
	(99) Unknown	1		Bench with folding back(s)
	100/ Climiotti		(03)	Split bench with separate back cushions
Ì	~		(00)	Split bench with folding back(s)
45.	Was The Air Bag Tethered?	ļ		Pedestal (i.e., column supported)
	(O) Not equipped/not available			Box mounted seat (i.e., van type)
	(1) No		(03)	Other seat type (specify):
	(2) Yes (specify number of tether straps):		(10)	Other seat type (specify).
l			(QQ)	Unknown
	(3) Deployed, unknown if tethered		(33)	Olikilowii .
l	(7) Not deployed	51	Spat (Orientation (this Occupant Position)
•	(8) Unknown if deployed	١٠٠٠	(0) 0	ccupant not seated or no seat
	(9) Unknown			orward facing seat
46	Did The Air Bag Have Vent Ports?			ear facing seat
70.	(0) Not equipped/not available			de facing seat (inward)
1	(1) No		(4) Si	de facing seat (outward)
	(2) Yes (specify number of vent ports):			ther (specify):
	(2) 100 (0)0011) 110111201 01 10111		(0, 0	thor (opening)
1	(3) Deployed, unknown if vent ports present		(9) U	nknown
	(7) Not deployed			2
	(8) Unknown if deployed	52.		Track Adjusted Position Prior To Impact 🚣
1	(9) Unknown			ccupant not seated or no seat
1		1	(1) N	on-adjustable seat track
47	Was the Air Bag in this Occupant's Position			
	Contacted by Another Occupant?	1	Adjus	table Seat Track
	(0) Not equipped/not available	1	(2) S	eat at forward most track position
1	(1) No			eat between forward most and middle track
1	(2) Yes (specify):			ositions
			(4) S	eat at middle track position
1	(3) Deployed, unknown if other occupant contact	-		eat between middle and rear most track
	to air bag	1		ositions
	(7) Not deployed			eat at rear most track position
	(8) Unknown if deployed		(9) U	nknown
1	(9) Unknown			
1	Mar This Occupant Wearing Fue weer?	1		
48	. Was This Occupant Wearing Eye-wear?	1		
	(0) Not equipped/not available			
İ	(1) No			
	(2) Eyeglasses/sunglasses			
	(3) Contact lenses			
1	(4) Deployed, unknown if eyewear worn	1		
1	(7) Not deployed			
1	(8) Unknown if deployed	1		
1	(9) Unknown	1		

	HEAD RESTRAINT AND SEA	AT EVALUATION continued
53.	Seat Back Incline Prior and Post Impact (00) Occupant not seated or no seat (01) Not adjustable	
	Upright prior to impact (11) Moved to completely rearward position (12) Moved to rearward midrange position (13) Moved to slightly rearward position (14) Retained pre-impact position (15) Moved to slightly forward position (16) Moved to forward midrange position (17) Moved to completely forward position	15 14
	Slightly reclined prior to impact (21) Moved to completely rearward position (22) Moved to rearward midrange position (23) Retained pre-impact position (24) Moved to upright position (25) Moved to slightly forward position (26) Moved to forward midrange position (27) Moved to completely forward position	25 ²⁶ 26 27
	Completely reclined prior to impact (31) Retained pre-impact position (32) Moved to rearward midrange position (33) Moved to slightly rearward position (34) Moved to upright position (35) Moved to slightly forward position (36) Moved to forward midrange position (37) Moved to completely forward position	35 34 36 37
	(99) Unknown	
54	I. Seat Performance (this Occupant Position) (0) Occupant not seated or no seat (1) No seat performance failure(s) (2) Seat adjusters failed (3) Seat back folding locks or "seat back" failed (specify): (4) Seat track/anchors failed (5) Deformed by impact of occupant (6) Deformed by passenger compartment intrusion, (specify):	
	(7) Combination of above (specify):	
	(8) Other (specify):(9) Unknown	







CHILD SAFETY SEAT 58. Child Safety Seat Harness Usage 55. Child Safety Seat Make/Model (000) No child safety seat Applicable codes are found in your NASS CDS 59. Child Safety Seat Shield Usage Data Collection, Coding and Editing (950) Built-in child safety seat (997) Other make/model (specify): 60. Child Safety Seat Tether Usage (998) Unknown make/model Note: Options below applicable to (999) Unknown if child safety seat used Variables OA58-OA60. (00) No child safety seat 56. Type of Child Safety Seat Not Designed With Harness/Shield/Tether (0) No child safety seat (01) After market harness/shield/tether (1) Infant seat added, not used (2) Toddler seat (02) After market harness/shield/tether used (3) Convertible seat (03) Child safety seat used, but no after market (4) Booster seat - with shield harness/shield/tether added (5) Booster seat - without shield (09) Unknown if harness/shield/tether (7) Other type child safety seat (specify): added or used (8) Unknown child safety seat type Designed With Harness/Shield/Tether (9) Unknown if child safety seat used (11) Harness/shield/tether not used (12) Harness/shield/tether used (19) Unknown if harness/shield/tether used 57. Child Safety Seat Orientation (00) No child safety seat Unknown If Designed With Harness/Shield/Tether (21) Harness/shield/tether not used Designed for Rear Facing for This Age/Weight (22) Harness/shield/tether used (01) Rear facing (29) Unknown if harness/shield/tether used (02) Forward facing (08) Other orientation (specify): (99) Unknown if child safety seat used (09) Unknown orientation Designed For Forward Facing for This Age/Weight (11) Rear facing (12) Forward facing (18) Other orientation (specify): (19) Unknown orientation Unknown Design or Orientation For This Age/Weight, or Unknown Age/Weight (21) Rear facing (22) Forward facing (28) Other orientation (specify): (29) Unknown orientation (99) Unknown if child safety seat used

INJURY CONSEQUENCES 61. Injury Severity (Police Rating) 63. Type Of Medical Facility (for Initial Treatment) (O) Not treated at a medical facility (0) O - No injury (1) Trauma center (1) C - Possible injury (2) Hospital (2) B - Nonincapacitating injury (3) Medical clinic (3) A - Incapacitating injury (4) Physician's office (4) K - Killed (5) Treatment later at medical facility (5) U - Injury, severity unknown (8) Other (specify): (6) Died prior to accident (9) Unknown (9) Unknown 62. Treatment - Mortality 64. Hospital Stay (0) No treatment (00) Not Hospitalized (1) Fatal Code the number of days (up through 60) (2) Fatal - ruled disease (specify): that the occupant stayed in hospital. (61) 61 days or more (99) Unknown Nonfatal (3) Hospitalization 65. Working Days Lost (4) Transported and released Code the number of days (5) Treatment at scene - nontransported (up through 60) that the occupant (6) Treatment later lost from work due to the accident (7) Treatment - other (specify): (00) No working days lost (61) 61 days or more (8) Transported to a medical facility-unknown if (62) Fatally injured treated (97) Not working prior to accident (9) Unknown (99) Unknown

STOP WORK HERE

VARIABLES 66-74

TO BE CODED BY THE ZONE CENTER

TO BE CODED BY THE ZONE CENTER

INJURY CONSEQUENCES	TRAUMA DATA
66. Time to Death Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 + n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	71. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured
67. 1st Medically Reported Cause of Death 68. 2nd Medically Reported Cause of Death 69. 3rd Medically Reported Cause of Death Code the Occupant Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this occupant's death (00) Not fatal or no additional causes (96) Mode of death given but specific injuries are not linked to cause of death. (specify):	72. Was the Occupant Given Blood? (1) No - blood not given (2) Yes - blood given (specify units): (9) Unknown if blood given 73. Arterial Blood Gases (ABG) – HCO ₃ (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO ₃ (96) ABGs reported , HCO ₃ unknown (97) Injured, details unknown (99) Unknown if injured
(97) Other result (includes fatal ruled disease) (specify): (99) Unknown 70. Number of Recorded Injuries for This Occupant Code the actual number of injuries recorded for this occupant. (00) No recorded injuries (97) Injured, details unknown (99) Unknown if injured	74. Primary Source of Belt Use Determination (0) Not equipped/not available/destroyed or rendered inoperative (1) Vehicle inspection (2) Official injury data (3) Driver/occupant interview (8) Other (specify): (9) Unknown if belt used

PSU NUMBER

CASE NUMBER

VEHICLE NUMBER

OCCUPANT NUMBER

01

OCCUPANT INJURY FORM

THE FOLLOWING DATA IS NOT INCLUDED IN THIS CASE:

K	ENTIRE FORM		
[]	PAGE NUMBER (S)		



U.S. Department of Transportation

1055 11:051

CRASHPC PROGRAM SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM

National Highway Traffic Safety Administration	(All Measurements in Wetho)	CRASHWORTHINESS DATA SYSTEM
Identifying Title / J / G Primary Sampling Unit Case NoStra	Accident Event Sequence No.	Date (Month, day, year) of Run
CRASHPC Vehicle Identification Vehicle 1	Dodge Ford Make	Coravon SE 1 F-350 piesu 2 Model NASS Veh. No.
	GENERAL INFORMAT	LION .
VEHICLE I Size Weight $ \frac{5}{7} + 120 + 0 = 100 $ CDC $ \frac{0}{7} + \frac{0}{180} = \frac{1}{7} = \frac{1}{$	24w9 CDC	VEHICLE 2 VEHICLE 2 6 $+82+1397-36/1$ kg Occupant(s) Cargo $-9/(BBEW3)$ 180 to +180) S -6
	SCENE INFORMATI	ON
Rest and Impact Positions [X] No.	Go To Damage Information	[] Yes VEHICLE 2
Rest X	m Rest Position m	X m Y m PSI °
Impact X Y PSI	m Impact Position	X m Y m PSI °
Slip Angle(-180 to +180)	° Slip An	gle (-180 to +180)
	VEHICLE MOTIO	N
Sustained Contact [] No [] Ye VEHICLE 1		VEHICLE 2
Vehicle Rotation [Rotation Stop Before Rest		Rotation [] No [] Yes ation Stop Before Rest [] No [] Yes
Position	m	d of Rotation Sition X
Curved Path [Point on Path X m Y	Poi	Path [] No [] Yes nt on Path
Rotation Direction [] None [Rotation > 360° [] No []		n Direction [] None [] CW [] CCW

National Accident Sampling System-Crashworthiness Data System: CRASHPC Program Summary

FRICTION IN	IFORMATION.	TRAJECTORY	INFORMATION
		Trajectory Data []	No [] Yes
Coefficient of Friction	· · · · · · · · · · · · · · · · · · ·	If No, Go To Damage II	
Rolling Resistance Option		Vehicle 1 Steer Angles	
Vehicle 1 Rolling Res	istance	LF	
	RF	LR	
	RR		
		Vehicle 2 Steer Angles	
Vehicle 2 Rolling Res	sistance	LF	° RF °
LF	RF	LR	° RR °
	RR		
		Terrain Boundary I] No [] Yes
		First Point	
		X m	Y m
		Second Point	
		X m	Y m
		Secondary Coefficient	of Friction
	DAMAGEIN	IFORMATION	
	DAMAGE.IN		
VEH	IICLE 1	VE	HICLE 2
Damage Length	L <u>173</u> cm	Damage Length	L <u>390</u> cm
Crush Depths	c, <u>49</u> cm	Crush Depths	C ₁
	$C_2 = 39$ cm		C,cm
	$C_3 = \frac{2}{3} \frac{4}{3}$ cm		C ₃
	C ₄		Ccm
	C _s <u>5_3</u> cm		$C_s = \frac{\sqrt{5} \text{ cm}}{2.7}$
	C ₆ <u>53</u> cm		$C_6 = \frac{27}{}$ cm
Damage Offset	D	Damage Offset	D 2 5 cm
IF THIS COMMON IMPA	CT WAS WITH A MOTOR VEHICL	E NOT IN TRANSPORT, FILL I	N THE INFORMATION BELOW.
Model Year		The Weight, CDC, Scene	Data and Damage Information
		for this vehicle should be	
Complete and	ATTACH the appropriate vehic	cle damage sketch and dime	ensions to the Form.



U.S. Department of Transportation

CRASHPC PROGRAM SUMMARY

National Highway Traffic Safety Administration (All Measurements In Metric)

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Identifying Title Primary Sampling Unit	Case NoStratum		cident Event quence No.	Date (Month, day, year) of	95 Run
CRASHPC Vehicle Id Vehicle 1 Vehicle 2	lentification 1992 Year	Dodge Make	Ca	rovon 5 E Model	NASS Veh. No.
		GENERAL IN	FORMATION		
	VEHICLE I	,		VEHICLE 2	,,
Size			Size		-44
Weight $\frac{\sqrt{597} + \sqrt{20} + \sqrt{20}}{\text{Curb}}$ Occupant(s)	Cargo	67 kg	Weight	+ = =	kg
CDC _	10 FD	4 W 9	CDC		
PDOF (-180 to +18	o) <u>ð </u>	000	PDOF (-180 to) +180)	°
Stiffness			Stiffness		
		SCENE INFO	ORMATION		
Rest and Impact Pos	sitions (X) No. Ga			es.	
	VEHICLE 1		******	VEHICLE 2	
Rest	х	m	Rest Position	х	m
Position	Υ	m	rosition	Υ	m
	PSI	°		PSI	_
 Impact	X	. m	Impact Position	Χ	m
Position	Υ	m	Position	Υ	m
	PSI	o		PSI	o
Slip Angle(-180 to -	+ 180)	· · · · · · · · ·	Slip Angle (-18	80 to +180)	°
		VEHICLE	MOTION		
Sustained Contact	[]No []Yes				
	VEHICLE 1	*****		VEHICLE 2	!
Vehicle Rotation	I 1 No	o []Yes	Vehicle Rotati	on []N	o []Yes
\$250.00 cm (0.000 efore Rest [] No			Stop Before Rest [] N		
End of Rotation Position	Χ	m	End of Ro Position	tation X	m
7 OSITION	Υ		1 00111011	Υ	m
	PSI	°		PSI	o
Curved Path Point on Path	[]:No	o []Yes	Curved Path Point on F		o [] Yes
×	m Y	· m	x	m Y	m
Rotation Direction Rotation > 360°	[] None		Rotation Direc	tion [] None [] C	

National Accident Sampling System-Crashworthiness Data System: CRASHPC Program Summary

FRICTION INFORMATION	TRAJECTORY INFORMA	TION
Confficient of Ediction	Trajectory Data [] No [] Yes	
Coefficient of Friction Rolling Resistance Option	If No, Go To Damage Information	
Troining resistance option	Vehicle 1 Steer Angles	
Vehicle 1 Rolling Resistance	_	0
LF RF	LF ° RF LR ° RR _	· · · · · · · · · · · · · · · · · · ·
LR RR		
	Vehicle 2 Steer Angles	
Vehicle 2 Rolling Resistance	LF ° RF _	°
LF RF		· · · · · · · · ·
LR RR		
	Terrain Boundary [] No [] Ye	•
	First Point	
	X Y	. m
	Second Point	· ·
	X Y	. m
	Secondary Coefficient of Friction	
		•
DAMAGE	IFORMATION	
VEHICLE 1	VEHICLE 2	
Damage Length L 173 cm	Damage Length L	cm
Crush Depths C, 47 cm	Crush Depths C,	cm
C, 39 cm	 -	cm
C,24_ cm	C ₃	cm
C ₄ 3_7_cm	C ₄	cm
C ₅ 3 3 cm	C ₅	cm
C ₆ 5_3_ cm	C ₆	cm
Damage Offset Dcm	Damage Offset D ±	cm
IF THIS COMMON IMPACT WAS WITH A MOTOR VEHICL	E NOT IN TRANSPORT, FILL IN THE INFORMA	ATION BELOW.
Model Year:	The Weight, CDC, Scene Data and Dama	age Information
Make:	for this vehicle should be recorded above	_
Model:		
VIN:		
Complete and ATTACH the appropriate vehic	le damage sketch and dimensions to the F	orm.



U.S. Department of Transportation

CRASHPC PROGRAM SUMMARY

National Highway Traffic Safety

(All Measurements In Metric)

NATIONAL ACCIDENT SAMPLING SYSTEM

Administration				CRASHWORTHINE	SS DATA SYSTEM
Identifying Title Primary Sampling Unit	Case NoStratum		O / -ccident Event equence No.	Date (Month, day, year) of t	95 Run
CRASHPC Vehicle Ide Vehicle 1 Vehicle 2	entification 1995 Year	Ford Make	F	-350 Diesel	NASS Veh. No.
	•	ENERAL IN	IFORMATION	•	
Size	VEHICLE I	11	Size	VEHICLE 2	4
Weight Curb Occupant(s) CDC	=	kg	Weight 2/32 + 82 Curb Occupa CDC	$\frac{2}{2} + \frac{1397}{2} = \frac{3}{6} = \frac{6}{2}$ ant(s) Cargo R D	/ / kg F W 3
PDOF (-180 to +180 Stiffness))	°	PDOF (-180 to Stiffness) +180)	400
		SCENE INF	ORMATION		
Rest and Impact Posi	tions X No, Go	7 1 10 10 10 10 10 10 10 10 10 10 10 10 1	SECTION CONTRACTOR OF THE PROPERTY OF	vehicle 2	·
Rest Position	X	m m o	Rest Position	X	m m o
Impact Position	X	m m o	Impact Position	X Y PSI	m m o
Slip Angle(-180 to +	180)	o	Slip Angle (-18	30 to +180)	o
		VEHICLE	MOTION		
Sustained Contact] No [] Yes /EHICLE 1			VEHICLE 2	
vernore mototrom	[] No fore Rest [] No	[] Yes		on [] No top Before Rest [] No	DDDD 000000000000000000000000000000000
End of Rotation Position	X		End of Rot Position	Y PSI	m m
Curved Path Point on Path X	m Y		Curved Path Point on P X		o [] Yes m
Rotation Direction	[] None [] CW	[] CCW		tion [] None [] C	

Rotation >360° [] No [] Yes

Rotation >360° [] No [] Yes

National Accident Sampling System-Crashworthiness Data System: CRASHPC Program Summary

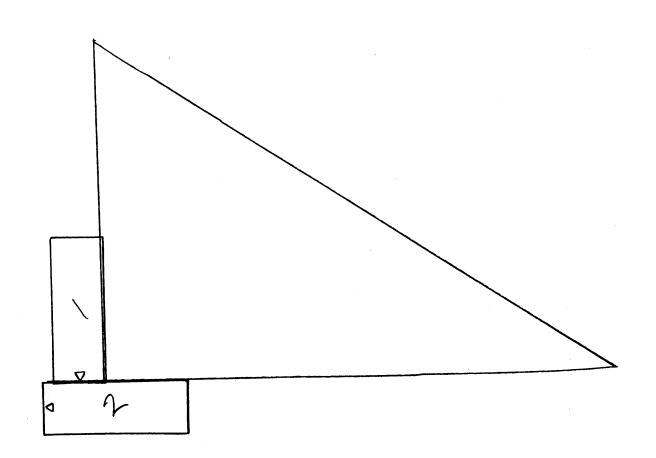
FRICTION	INFORMATION		TRAJECTOR	Y INFORMATION
			Trajectory Data [] No [] Yes
Coefficient of Friction	·		If No, Go To Damage	
Rolling Resistance Opti	OH		Vehicle 1 Steer Angle	.c
Vehicle 1 Rolling R	esistance		_	
	RF		LF LR	
LR		•		
			Vehicle 2 Steer Angle	es
Vehicle 2 Rolling R	esistance		_	° RF
_		·	LR	• RR
LR				
			Terrain Boundary [] No [] Yes
			First Point	
			X m	Y
			Second Point	
			X	Y
			Secondary Coefficien	t of Friction
		DAMAGE IN	IFORMATION	
VI	EHICLE 1		V	EHICLE 2
Damage Length	L	cm	Damage Length	L <u>39 A</u>
Crush Depths	C,	cm	Crush Depths	c,
	C ₂	cm		C ₂
	С ₃	cm		c, <u>38</u>
	C ₄	cm		$C_4 - \frac{9}{2}$
	C ₅	cm		$C_5 - \frac{1}{2} \frac{3}{2}$
	C ^e	cm		$c_6 = 27$
Damage Offset	D +	cm	Damage Offset	D D5
IF THIS COMMON IM	PACT WAS WITH A	MOTOR VEHICL	E <i>NOT IN TRANSPORT,</i> FIL	L IN THE INFORMATION BELO
Model Year:			The Weight, CDC, Scer	ne Data and Damage Informa
			for this vehicle should	be recorded above.
Маке:				
Make:				
Model:				
Model:				

13 -149A

100clock

U-1 1667 X 50 = 8 3350 + 20000 = 4,2

V-2 36/1×50 = 180550; 20000 = 9.0 locale



INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

TITLE

CRASH3 RECONSTRUCTION

GENERAL INFORMATION

VEHICL	E #1
SIZE	5
WEIGHT	1667.
CDC	10FDAW9
PDOF	-60.00
STIFFNESS	7
CANCEL	ACCEPT

VEHICL	E #2
SIZE	6
WEIGHT	3611.
CDC	01RDEW3
PDOF	40.00
STIFFNESS	6
CANCEL	ACCEPT

METRIC INPUT

11	INPUT	CALCULATE	TRAJECTORY	OUTPUT	GRAPHICS	EXIT	
11_							i

DAMAGE INFORMATION

VEHICLE #	1
DAMAGE LENGTH	173.0
CRUSH DEPTHS	
C1	49.00
C2	39.00
C3	24.00
C4	37.00
C5	53.00
C 6	53.00
DAMAGE OFFSET	.000
CANCEL	ACCEPT

VEHICLE #	·
DAMAGE LENGTH	390.0
CRUSH DEPTHS	
C1	.000
C2	.000
cs c	38.00
C4	42.00
C5	15.00
C6	27.00
DAMAGE OFFSET	5.000
CANCEL	ACCEPT

INPUT CALCULATE TRAJECTURY UNIPUT GRAPHICS EXIT

SUMMARY OF CRASHPC RESULTS USING DAMAGE

CRASH3 RECONSTRUCTION

SPEED CHANGE (DAMAGE)

VEHICLE #1

TOTAL 50 KPH (31 MPH) LONGITUDINAL -25 KPH (-16 MPH)

LATITUDINAL 44 KPH (27 MPH)

PDOF ANGLE -60 DEGREES ENERGY DISSIPATED = 366824 JOULES (270519 FT-LB)

VEHICLE #2

TOTAL 23 KPH (14 MPH)

LONGITUDINAL -18 KPH (-11 MPH)

LATITUDINAL -15 KPH (-9 MPH) PDOF ANGLE 40 DEGREES

ENERGY DISSIPATED = 150157 JOULES (110735 FT-LB)

PRESS ANY KEY TO CONTINUE

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

DAMAGE DATA

VEHICLE #1

VEHICLE #2

SIZE CATEGORY	5 7	6 6
STIFFNESS CATEGORY VEHICLE WEIGHT	1667 KGS (3675 LBS)	3611 KGS (7961 LBS)
CDC	1OFDAW9	01RDEW3
PDOF ANGLE	-60 DEGREES	40 DEGREES
CRUSH LENGTH	173 CM. (68 IN.)	390 CM. (154 IN.)
C1	49 CM. (19 IN.)	0 CM. (0 IN.)
C2	39 CM. (15 IN.)	0 CM. (0 IN.)
C3	24 CM. (9 IN.)	38 CM. (15 IN.)
C4	37 CM. (15 IN.)	42 CM. (17 IN.)
C 5	53 CM. (21 IN.)	15 CM. (6 IN.)
CS	53 CM. (21 IN.)	27 CM. (11 IN.)
D	0 CM. (0 IN.)	5 CM. (2 IN.)
D,	5 CM. (2 IN.)	44 CM. (17 IN.)

(* INDICATES DEFAULT VALUE) PRESS ANY KEY TO CONTINUE

INPUT

CALCULATE TRAJECTORY OUTPUT

GRAPHICS

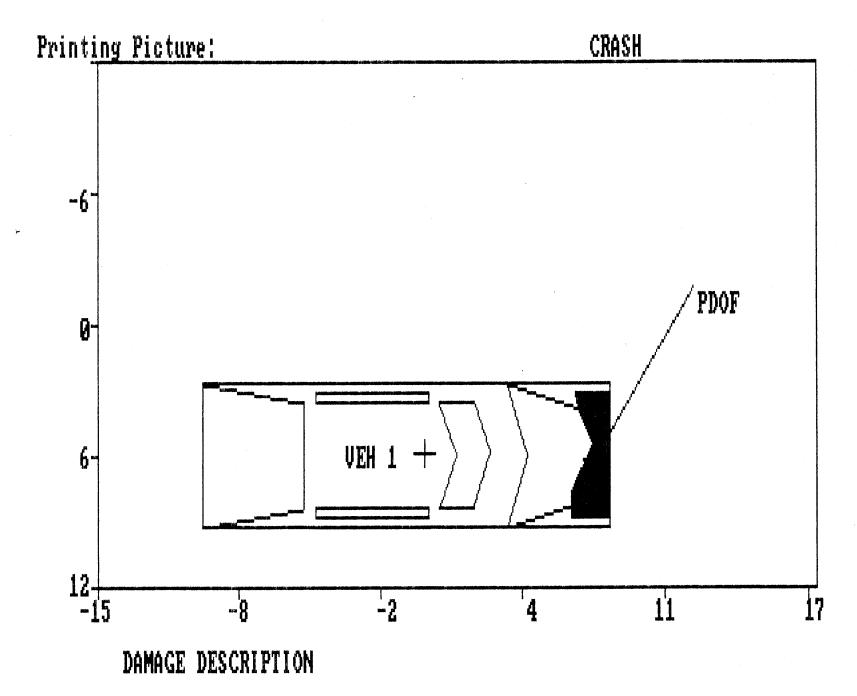
EXIT

DIMENSIONS AND INERTIAL PROPERTIES

1 1	1	: :	-	1	F	11 4
- 5.7	·			3 3	j	#1

VEHICLE #2

	•				
CG TO FRONT AXLE	142	CM. (56	IN.)	153 CM. (60 IN.)
CG TO REAR AXLE	160	CM. (63	IN.)	165 CM. (65 IN.)
TRACK	162	CM. (64	IN.)	162 CM. (64 IN.)
CG TO FRONT OF VEH	259	CM. (102	IN.)	265 CM. (104 IN.)
CG TO REAR OF YEH	-310	CM. (-122	IN.)	-318 CM. (-125 IN.)
			IN.)		
MOMENT OF INERTIA		· ·	04 LBS)		
VEHICLE MASS	4 1	KGS ()	(O LBS)	9 KGS (21 LBS)



INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

TITLE

CRASHS RECONSTRUCTION

GENERAL INFORMATION

VEHICLE #	1
SIZE	11
WEIGHT 10	00000.
CDC	
PDOF	
STIFFNESS	
CANCEL A	CCEPT

VEHICL	E #2

SIZE	6
WEIGHT	3611.
CDC	01RDEW3
PDOF	40.00
STIFFNESS	6
CANCEL	ACCEPT

METRIC INPUT

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

DAMAGE INFORMATION

VEHICLE #2 DAMAGE LENGTH 390.0 CRUSH DEPTHS .000 C1C2 .000 CЗ 38.00 C4 42.00 C5 15.00 C6 27.00 DAMAGE OFFSET 5.000 CANCEL ACCEPT

METRIC INPUT

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

SUMMARY OF CRASHPC RESULTS USING DAMAGE

CRASH3 RECONSTRUCTION

SPEED CHANGE (DAMAGE)

VEHICLE #1

TOTAL 0 KPH (0 MPH)

LONGITUDINAL O KPH (O MPH)

LATITUDINAL O KPH (O MPH)

PDOF ANGLE O DEGREES

VEHICLE #2

TOTAL 32 KPH (20 MPH)

LONGITUDINAL -24 KPH (-15 MPH)

LATITUDINAL -21 KPH (-13 MPH)
PDOF ANGLE 40 DEGREES

ENERGY DISSIPATED = 150157 JOULES (110735 FT-LB)

PRESS ANY KEY TO CONTINUE

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

TITLE

CRASHS RECONSTRUCTION

GENERAL INFORMATION

VEHICL	E #1
SIZE	5
WEIGHT	1667.
CDC	10FDAW9
PDOF	-60.00
STIFFNESS	7
CANCEL	ACCEPT

VEHICLE #2
SIZE 11
WEIGHT 1000000.
CDC
PDOF
STIFFNESS
CANCEL ACCEPT

METRIC INPUT

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

DAMAGE INFORMATION

VEHICLE #1	And the second s
DAMAGE LENGTH	173.0
CRUSH DEPTHS	1
C1	47.00
C2	39.00
C:3	24.00
C4	37.00
C5	53.00
C6	53.00
DAMAGE OFFSET	.000
CANCEL A	CCEPT

METRIC INPUT

INPUT CALCULATE TRAJECTORY OUTPUT GRAPHICS EXIT

SUMMARY OF CRASHPC RESULTS USING DAMAGE

CRASH3 RECONSTRUCTION

SPEED CHANGE

	(DAMAGE)	
VEHICLE #1 TOTAL LONGITUDINAL LATITUDINAL PDOF ANGLE ENERGY DISSIPA	46 KPH (29 MPH) -23 KPH (-14 MPH) 40 KPH (25 MPH) -60 DEGREES ATED = 363654 JOULES (268181 F	T-LB)
VEHICLE #2 TOTAL LONGITUDINAL LATITUDINAL PDOF ANGLE ENERGY DISSIP	O KPH (O MPH)	T-LB) PRESS ANY KEY TO CONTINUE
INPUT	CALCULATE TRAJECTORY OUTPUT	
	DAMAGE DATA	VEHICLE #2
SIZE CATEGORY STIFFNESS CATEGORY VEHICLE WEIGHT CDC PDOF ANGLE CRUSH LENGTH C1 C2 C3 C4 C5 C6 D	5	11 -0) ****** KGS (2204586 LBS) * BARRIER O DEGREES * O CM. (O IN.) * O CM. (O IN.) * O CM. (O IN.) * O CM. (O IN.) * O CM. (O IN.) * O CM. (O IN.) * O CM. (O IN.) * O CM. (O IN.) *
‼ INPUT	CALCULATE TRAJECTORY OUTPUT	GRAPHICS EXIT

DIMENSIONS AND INERTIAL PROPERTIES

•	VEHICLE #1	VEHICLE #2
CG TO FRONT AXLE	142 CM. (56 IN.)	127 CM. (50 IN.)
CG TO REAR AXLE	160 CM. (63 IN.)	127 CM. (50 IN.)
TRACK	162 CM. (64 IN.)	127 CM. (50 IN.)
CG TO FRONT OF VEH	259 CM. (102 IN.)	127 CM. (50 IN.)
CG TO REAR OF VEH	-310 CM. (-122 IN.)	-127 CM. (-50 IN.)
CG TO SIDE OF VEH	101 CM. (40 IN.)	127 CM. (50 IN.)
MOMENT OF INERTIA	17511 KGS (38604 LBS)	***** KGS (***** LBS)
VEHICLE MASS	4 KGS (10 LBS)	2600 KGS (5732 LBS)

PRESS ANY KEY TO CONTINUE

DAMAGE DATA

···U	 ш	1	٠,	·~·	ŧ	_	44	4

VEHICLE #2

SIZE CATEGORY	1 1	I	6	
STIFFNESS CATEGORY	()	6	
VEHICLE WEIGHT	***** KGS (2)	20 4586 LBS) *	3611 KGS (7961	LBS)
CDC	BARF	RIER	01RDEW3	
PDOF ANGLE	O DE	EGREES *	40 DEGREES	
CRUSH LENGTH	o cm.	(O IN.) *	390 CM. (154 I	N.)
C1	o cm.	(O IN.) *	0 CM. (0 I	N.)
C2	o cm.	(O IN.) *	0 CM. (0 I	N.)
C3	o cm.	(O IN.) *	38 CM. (15 I	N.)
C4	o cm.	(O IN.) *	42 CM. (17 I	N.)
Ĉ 5	o cm.	(O IN.) *	15 CM. (6 I	N.)
C6	o cm.	(O IN.) *	27 CM. (11 I	N.)
D	o cm.	(O IN.) *	5 CM. (2]	N.)
	6 CM.	(2 IN.) *	44 CM. (17 I	N.)

(* INDICATES DEFAULT VALUE) PRESS ANY KEY TO CONTINUE

INPUT

CALCULATE TRAJECTORY OUTPUT

GRAPHICS

EXIT

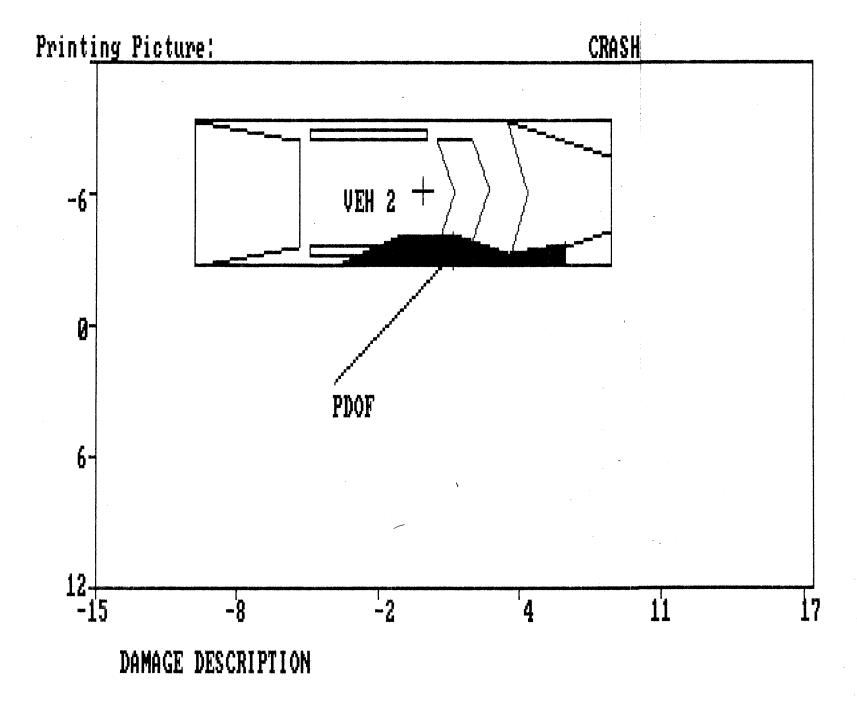
DIMENSIONS AND INERTIAL PROPERTIES

VEHICLE #1

VEHICLE #2

CG TO FRONT AXLE	127 CM. (50 IN.)	153 CM. (60 IN.)
CG TO REAR AXLE	127 CM. (50 IN.)	165 CM. (65 IN.)
TRACK	127 CM. (50 IN.)	162 CM. (64 IN.)
CG TO FRONT OF VEH	127 CM. (50 IN.)	265 CM. (104 IN.)
CG TO REAR OF VEH	-127 CM. (-50 IN.)	-318 CM. (-125 IN.)
CG TO SIDE OF VEH	127 CM. (50 IN.)	101 CM. (40 IN.)
MOMENT OF INERTIA	***** KGS (***** LBS)	39706 KGS (87535 LBS)
VEHICLE MASS	2600 KGS (5732 LBS)	9 KGS (21 LBS)

PRESS ANY KEY TO CONTINUE



```
958.0500000000000317000000004000099500009950224960000095067357000
13149A00000011
00100000006735705
                  0306
                 958.0510000000000120F0245R
13149A000100120
13149A000200120
                 958.0510000000000120L0245R
                 958.0510000000000302F79000
13149A000300120
                 958.0510000000000245T3100N
13149A000400120
                   8.05 000000009207442201B4GH44R8N
13149A01000021
0211211022990117991186
13149A01000022
                   8.05 0000000010303120155000000000000000008001001050-025+04
43668998404602
                   8.05 00000000010210FDAW09020299999999173049039024037053053
13149A01000031
000
                            17314230315201000201040101001000
                   8.05 000000000123303300000122222021222210226666106111111101
13149A01000041
13149A01000042
                    8.05 000000000111442110643120133110733111133211232211432
              290150999912210
13149A01010051
                    8.05 0000000003021780611119224200404911000004211001999011-02
52101012221109142310000000000041000620199000014011011
13149A01010161
                    8.05 0000000001150206485073100
13149A01010261
                    8.05 0000000001140682395073100
13149A01010361
                    8.05 0000000001140684395073100
13149A01010461
                    8.05 0000000001250800295073100
13149A01010561
                    8.05 0000000001441410430513105
                    8.05 0000000001751800220512105
13149A01010661
13149A01010761
                   8.05 0000000001751800210103100
                    8.05
13149A01010861
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                    8.05 0000000001290202186022300
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                    8.05 0000000001490402120512105
                    8.05 0000000001790602120512105
13149A01011161
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                    8.05 0000000001890402110072100
13149A01011361
13149A01011461
                    8.05 0000000001752600220511105
                    8.05 00000000072999999213900000240000100000020000000000 00
13149A01020051
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13149A01020161
13149A01020261
                    8.05 0000000003140684390153102
13149A01020361
                    8.05 0000000003160606200153102
13149A01020461
                    8.05 0000000002251004240153102
13149A01020561
                    8.05 0000000002250800220153102
13149A01020661
                    8.05 0000000003290402170153102
13149A01020761
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13149A01020861
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13149A01020961
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13149A01021061
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13149A01021161
                    8.05 0000000003490402100043103
13149A01021261
                    8.05 0000000003590202170043103
13149A01021361
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13149A01021461
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13149A01021561
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13149A01021661
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13149A01030461
                    8.05 0000000003290402171512100
13149A01030561
                    8.05 0000000003297402121512100
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0211211012010166061287
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8.05 00000000101010002131400507401220008000001001023-018-01

13149A02000022

```
51502998403203
13149A02000031
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                        99825034715801100421251111102020
005
                 8.05 00000000011130000000012200202144001032160060611100101
13149A02000041
                 8.05 000000000131333131111
13149A02000042
            100000099900010
                 13149A02010051
8.05 0000000007290600176022300
13149A02010161
13149A02010261
                 8.05 0000000007790402121521100
                 8.05 0000000007490402121521100
13149A02010361
13149A02010461
                 8.05 0000000007590402171521100
                 8.05 000000009314015042MEPM36X9PB 01000089796704934562
13149A03000021
0211211012010598981198
                8.05 000000001010110011800000000000099899800006999 999 99
13149A03000022
9999999999973
13149A03000031 8.05 0000000003799999999
                        16103225414301000301040101001000
13149A03000041
                 8.05 000000000
13149A03000042
            230000008300010
13149A03010051
                 8.05 00000000412155049111000000430311011211400000000000 00
13149A00000066 8.05 000000000VAN/TRUCK/CAR/OBTUSE
13149A00000171
                 8.05 00000000VEHICLE#1 WAS NORTH BOUND ON A 2LANE DRYBITUMI
NOUS 55MPH RURAL ROAD AND
                 8.05 00000000CONTACTED A LARGE PICKUP WITH ITS FRONT IN THE
13149A00000271
TRUCKS RIGHT SIDE WHICH WAS
13149A00000371
                8.05 00000000EAST BOUND ON A 2LANE DRY BITUMINOUS RURAL ROA
D - VEHICLE #3 WAS WEST BOUND
13149A00000471
                 8.05 000000000N A 2 LANE BITUMINOUS ROAD STOPPED AND WAS HI
T WITH STONE WHICH THE TRUCK
13149A00000571
                 8.05 00000000WAS CARRING
13149A00000181
                8.05 0000000001
                                VAN
                                            1992/DODGE/CARAVAN
                                                               FRONT
     SEVERE
                NONE
13149A00000281
                                PICKUP
                8.05 0000000002
                                            1995/FORD/F350
                                                               RIGHT
     SEVERE
                NONE
13149A00000381
                8.05 000000003 COMPACT 1993/MERCURY/TOPAZ FRONT
     MODERATE
                NONE
                8.05 0000000001 DRIVER LFRONT
13149A00000191
                                                 L&S-AIRBAG skull
                                                                   fr
acture 4 exterior, other
13149A00000291
                8.05 000000000
         vehicle
13149A00000391
                8.05 000000000
                               PASSENGER RFRONT
                                                 NONE
                                                          abdomen
ansection 5 steering rim
13149A00000491
                 8.05 000000000
                               PASSENGER CREAR
                                                 NONE
                                                           brain
        4 seat back
                                        LFRONT
13149A00000591 8.05 0000000002
                               DRIVER
                                                 L&S
                                                          no injury
13149A00000691
                 8.05 0000000003 DRIVER
                                                 L&S
                                       LFRONT
                                                           no injury
```

INTRA ERRORS

HH1271 2 ****** THIS CASE SHOWS EJECTION WITH RESTRAINT USAGE. ******
HH1272 ****** CHECK YOUR DATA AND IF CORRECT, NOTIFY YOUR ZONE ******
HH1273 EJECTION OA12 is equal to 1-3 and ((MANUAL BELT USE OA19 does not equal 00, 01 or 99) or
HH1274 (FRONTAL AIR BAG SYSTEM DEPLOYMENT OA31 does not equal 0, 7 or
HH1276 9) or (AUTOMATIC BELT USE OA24 does not equal 0, 2 or 9)).

GENERAL VEHICLE Vehicle: 2

INTRA ERRORS

GGO421 2 If ROLLOVER GV45 equals 01-17 or 98, then BASIS FOR DELTA V GV58 GGO422 should equal 04-10.

INTER ERRORS

GEO641 2 If OBJECT CONTACTED EVO5(p) is less than 31 and EVO5(p) equals GEO642 GVO3(q) and BODY TYPE GVO7(q) equals 22-25 or 40-49, then BASIS GEO643 FOR DELTA V GV58(p) should equal 04. GV=01

PSU13

ERROR SUMMARY SCREEN

96

CASE 149A

CURRENT VERSION: 8.05

اسمو ي	FORM NAME	NUMBER OF DOLLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
	Accident	0	0	0	Υ
	General Vehicle	O	O	1	Υ
	Vehicle Exterior	0	0	0	Y
	Vehicle Interior	0	0	0	Υ
	Occupant Assessment	9	0	1	Υ
	Occupant Injury	0	0	0	Υ
	Total Inter Errors		o	1	
	Total Case Errors	0	0	3	

SLIDE INDEX

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Administration	ay Trainic Can	•	CRASHWORTHINESS DATA SYSTEM
Primary Sa	ampling Un	nit Number/	Case Number – Stratum 1 4 9 A
Slide No.	Vehicle No.	Direction of Picture	Description of Slide Subject Matter
1-9	1		Looking at Approach to PoI & FRP
10			
//	/	South	Looking bock at FRP to Po I to Appro
12-26	2	Eas +	Looking at a paroul to Pots FRP
2.7	2	West	Looking back at Approval
28	2	west	Lookingback from FRP to Po I to App
29-32	3	West	Looking at Approach to PoISFRP
33-35			Front
36	/.		Front 5 Left
37-38	/-		Front & Right
39-40	/		Front E Left
41-42	/		Left
43	/		Left & Rear
46-	/		Rean
47-48	1		Rear & Right
49-	· ,		Right
50-	/		Right & Front
51-52	1		Bight door Interior
53-58	1	·	Steering whiel
59-64	11		Instrument Panel Avea
65-68	,		Left door Interior
69-70	1		Second Seat Area
71-72	1		Third sect Area
73-77	1		Front Seatbacks
78-79	/		2nd sect backs
80-81	1		3rd sect backs

Slide No.	Vehicle No.	Direction of	Description of Slide Subject Matter
82-83	2	Picture	Frant Slakt
84-87	<u>z</u>		Front & Left Left
88-89			Fuel Tanke
90-91	2		Fuel Tonks Left & Rear
92-	2	1 1/2	Reac
93-94			Rear E Right
95-100			Kialt
101-102			Right Front
103-104	2		Rightdoor Interior
105-10	2		Rightdoor Interior Steering Wheel
108-110	2		Instrument Porel Area
111-112	2		Left door Interior
113-114	2		Sectbocks
115-116	3	:	Front
117-118	3		Front Sleft
119-	3		Left
120-121	3		Left FRear
122	3		Rear !'Right
123-124	3		Rear & Right
125-126	3		Right
127/28	3		Right Front
129130			Right Over Interior Steering wheel Instrument Panel Area
131-133		• .	Steering wheel
134-136		-	Instrument Panel Area
137-138	3		Left door Interior
139-140	3		Rear Seat Area
141-143			Front Sectbacks
144-145	3		Rea Sect Area















































49A (1995) #







PSU 13-149A (1995) #26



















PSU 13-149A (1995) #33B Best Available



wailable



'SU 13-149A (1995) #34 Rest Available





PSU 13-149A (1995) #3 Best Available





PSU 13-149A (1995) #: Best Available



PSU 13-149A (1995) #3: Rest Available



J 13-149A (1995) #40/ Best Available



Best Available



9A (1995) #41







Available



Best Available



9A (1995) #4



PSU 13-149A (1995) #47 Best Available











A (1995) #52





13-149A (1995) #54 Best Available



PSU 13-149A (1995) #55 Best Available



PSU 13-149A (1995) #56





PSU 13-149A (1995) #58 Best Available



PSU 13-14



PSU 13-149A (1995) #60 Best Available



PSU 13-149A (1995) #61 Best Available



PSU 13-149A (1995) #62 Best Available





U 13-149A (1995) #64



PSU 13-149A (1995) #65 Best Available



PSU 13-149A (1995) #66 Best Available







PSU 13-149A (1995) #69 Best Available



PSU 13-149A (1995) #70 Best Available



Best Available





PSU 13-149A (1995) #73 Best Available







on (1000) #1













PSU 13-149A (1995) #82 Best Available



PSU 13-149A (1995) #83 Best Available





PSU 13-149A (1995) #85









13-149A (1995) #85 Best Available





PSU 13-149A (1995) #91 Best Available





PSU 13-149A (1995) #93 Best Available





PSU 13-149A (1995) #95 Best Available



PSU 13-149A (1995) #96 Best Available







PSU 13-149A (1995) #99 Best Available







PSU 13-149A (1995) #10 Rest Available



PSU 13-149A (1995) #103 Best Available



w (1995) ii i











PSU 13-149A (1995) #109























PSU 13-149A (1995) #120



PSU 13-149A (1995) #121













PSU 13-149A (1995) #127













PSU 13-149A (1995) #133





PSU 13-149A (1995) #135



PSU 13-149A (1995) #136



PSU 13-149A (1995) #137



PSU 13-149A (1995) #13





PSU 13-149A (1995) #14









